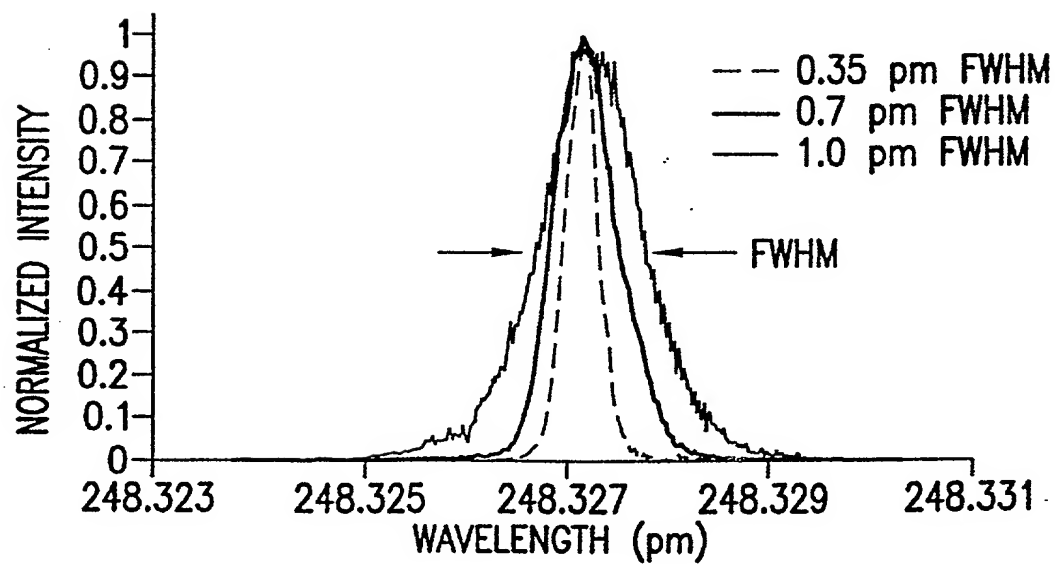


FIG. 1A

FIG. 1B



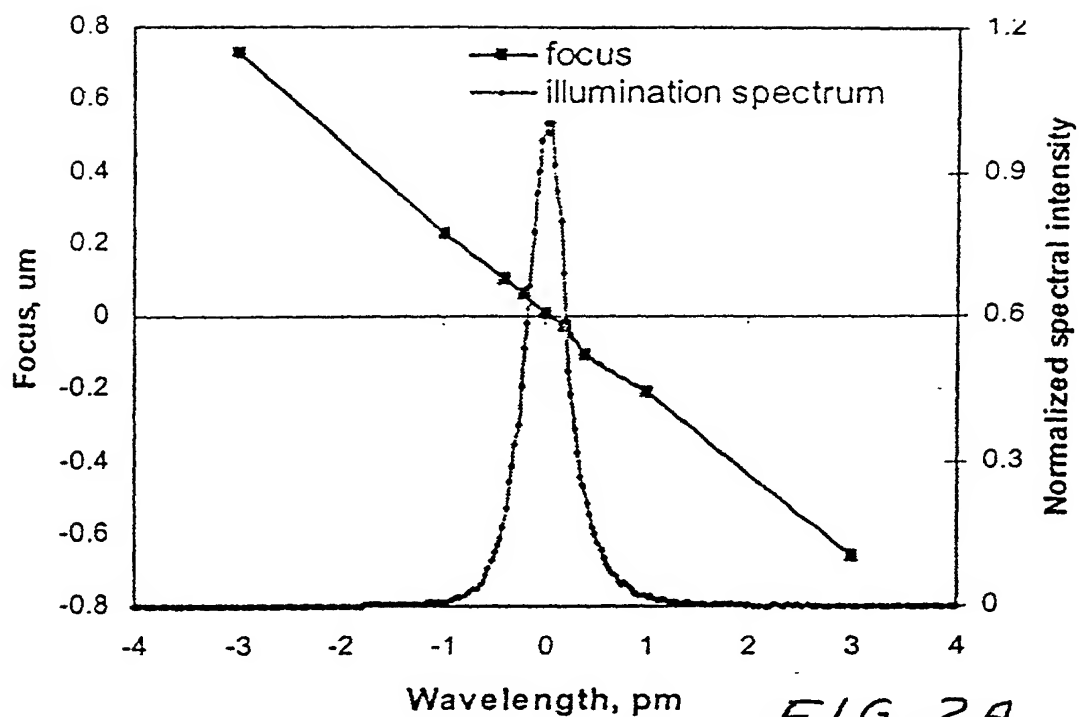


FIG. 2B

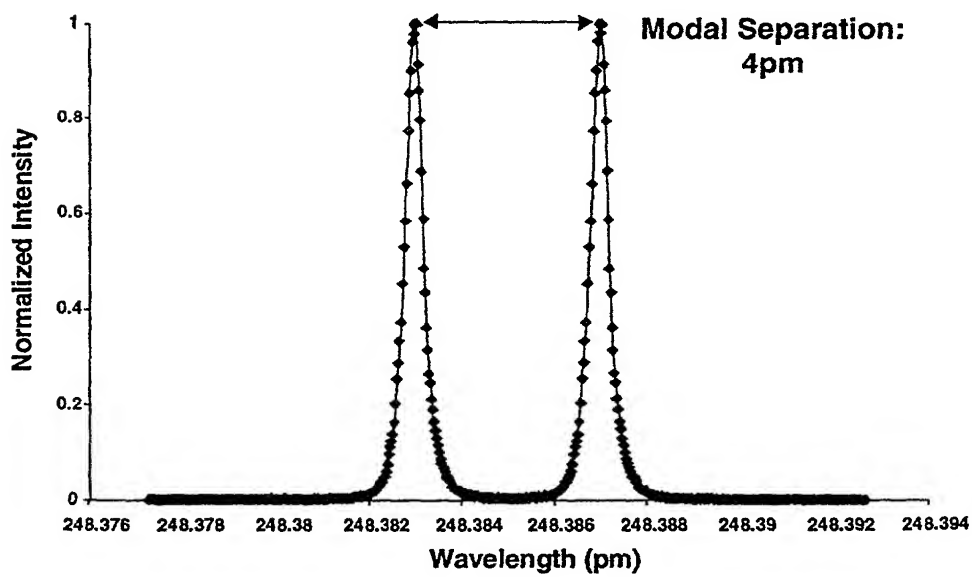


FIG. 2D

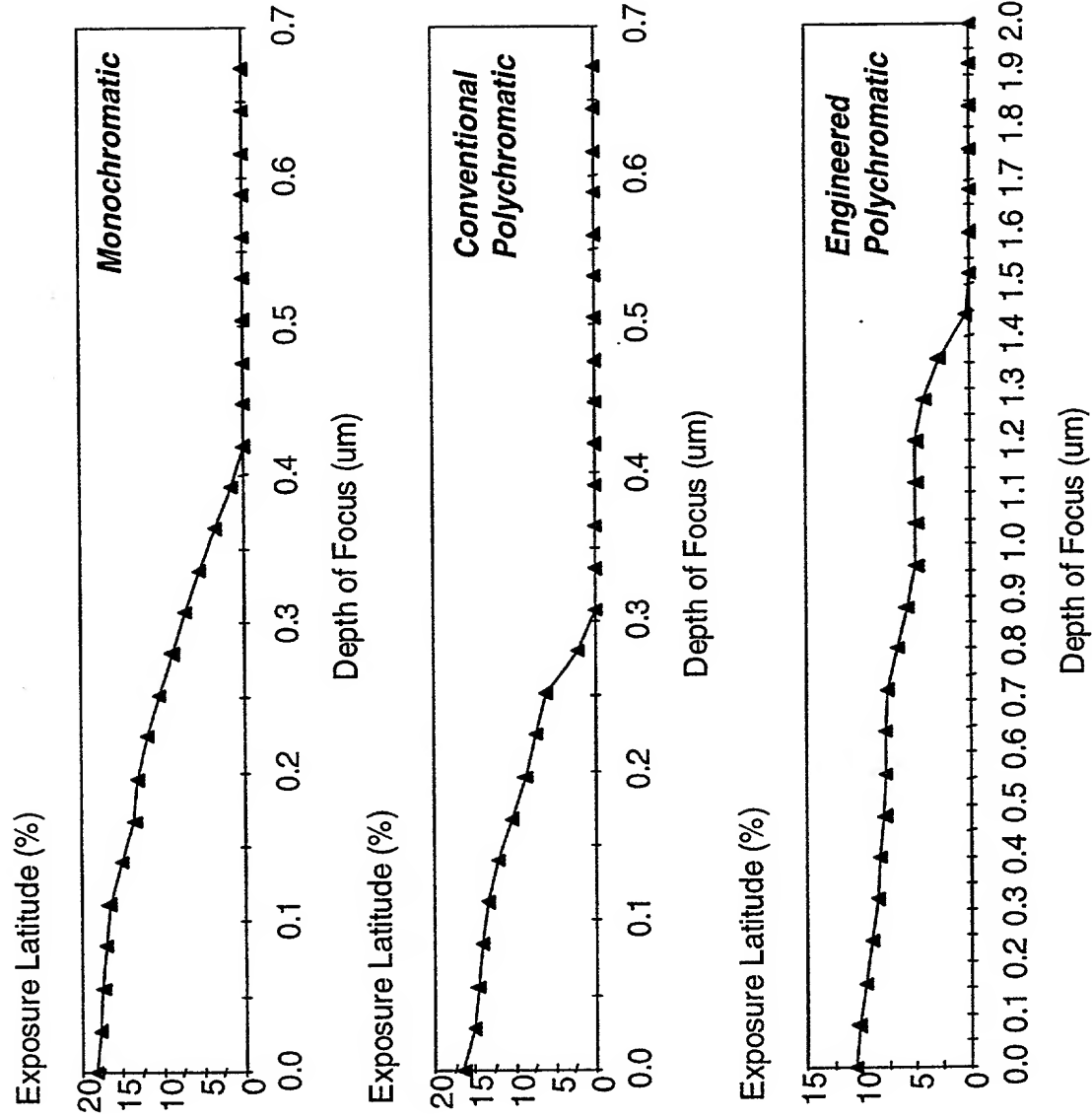
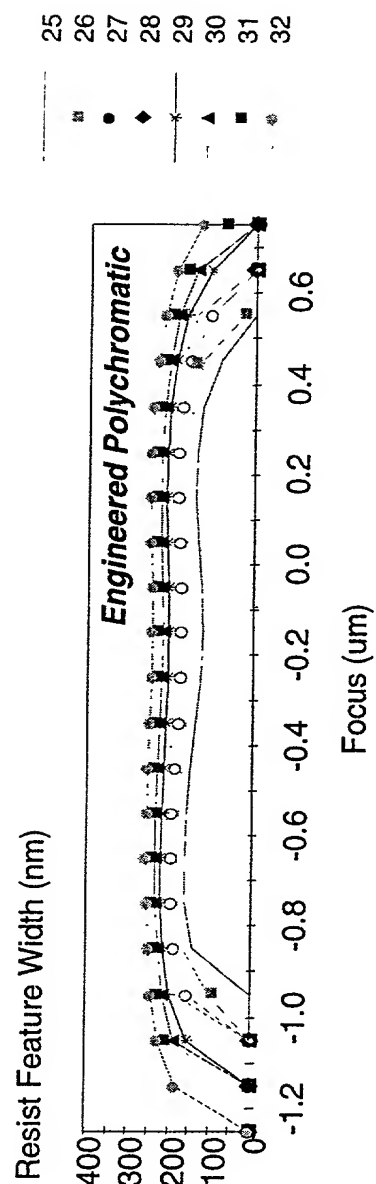
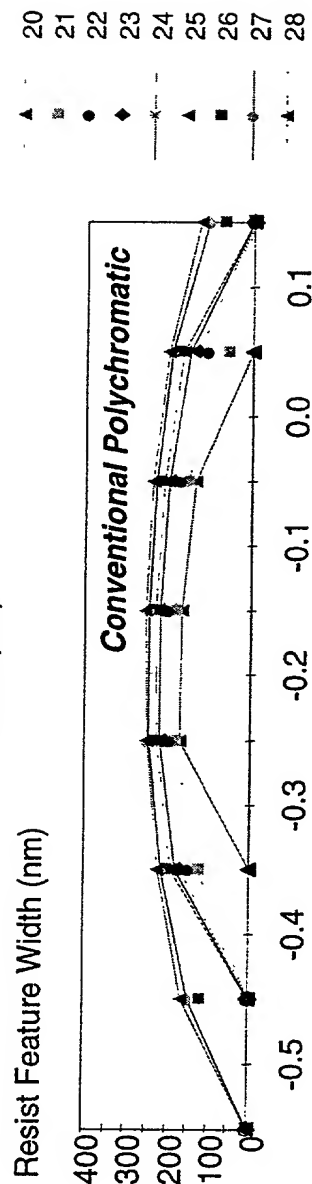
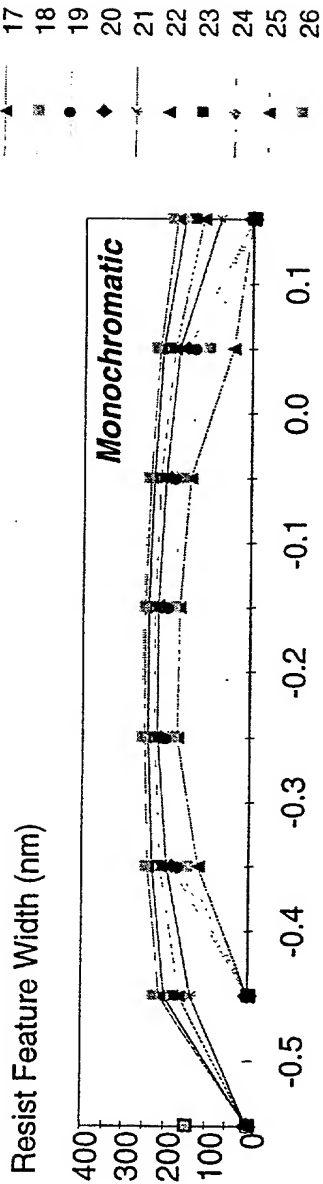


FIG. 2c



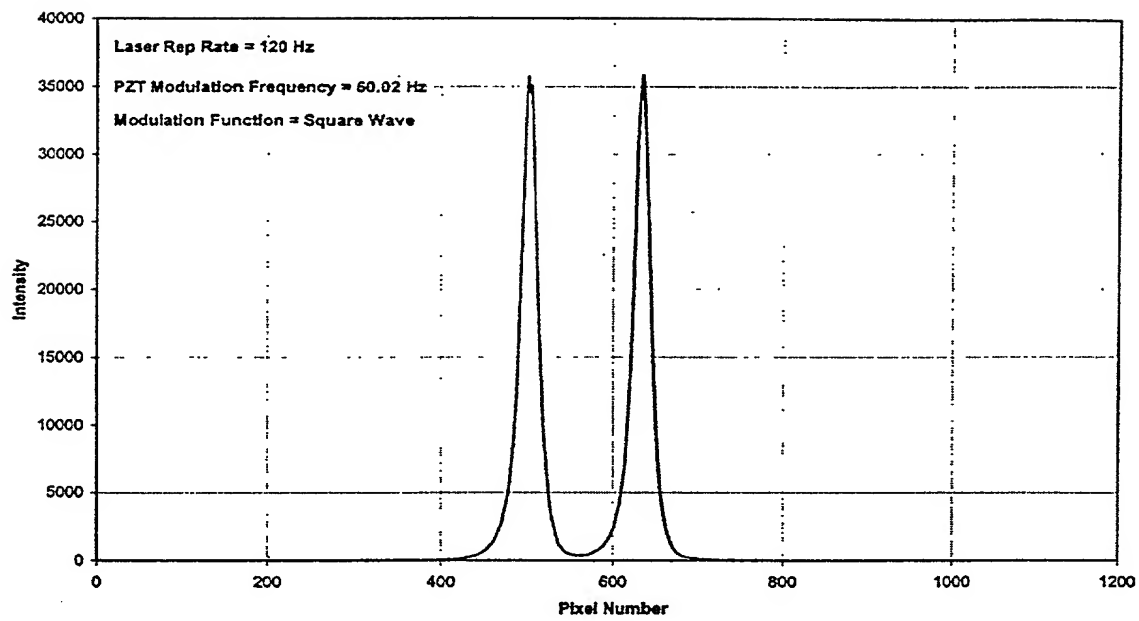


FIG. 2E

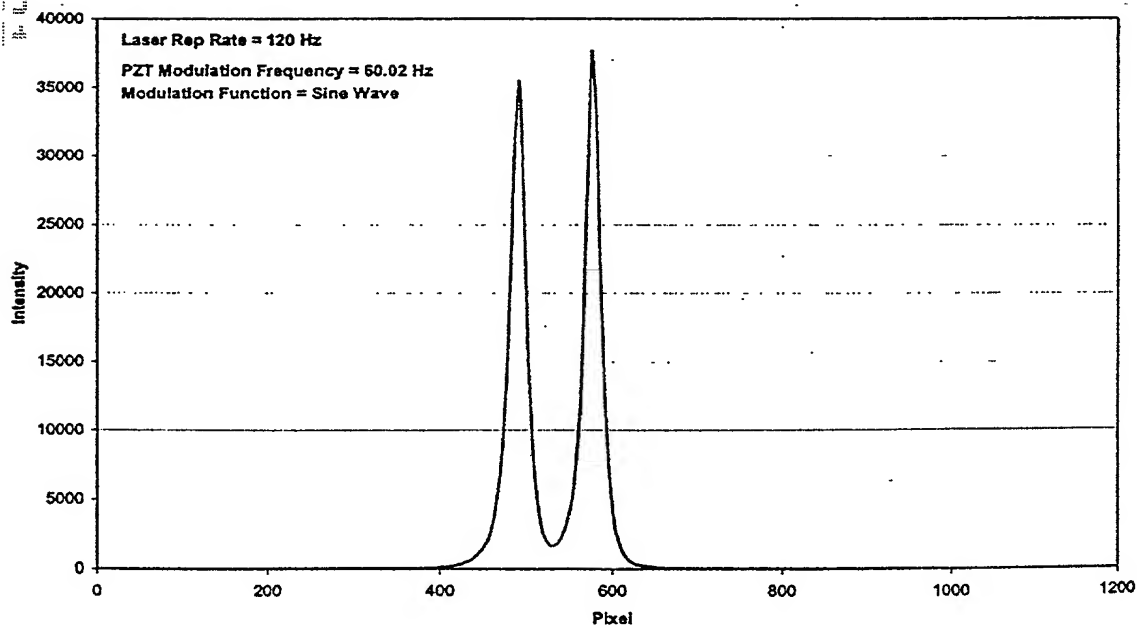


FIG. 2F

FIG. 2G1

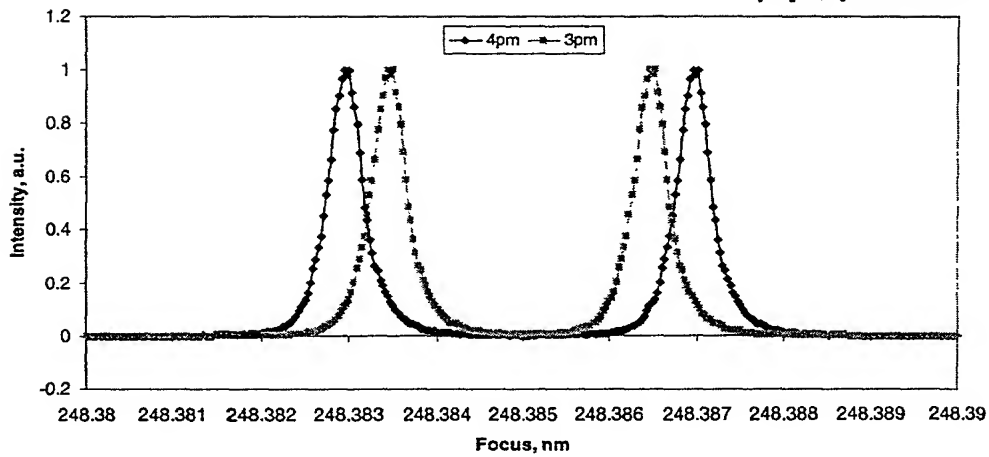


FIG. 2G2

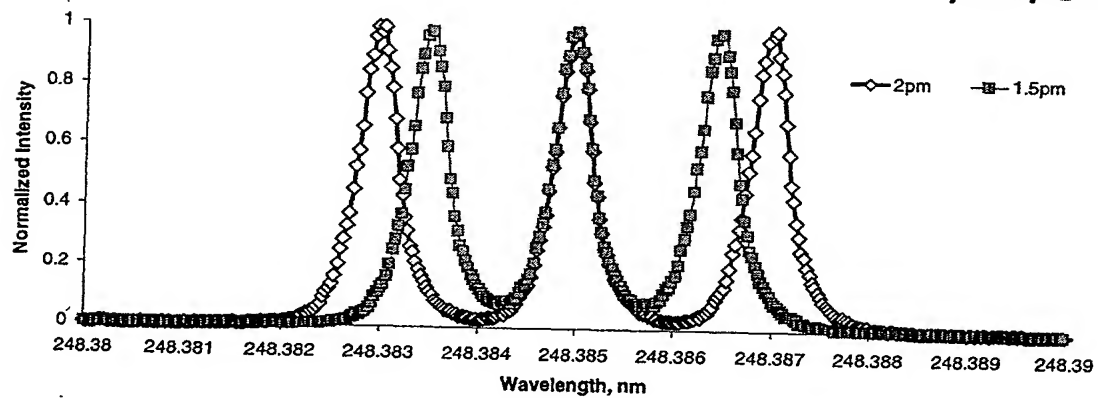
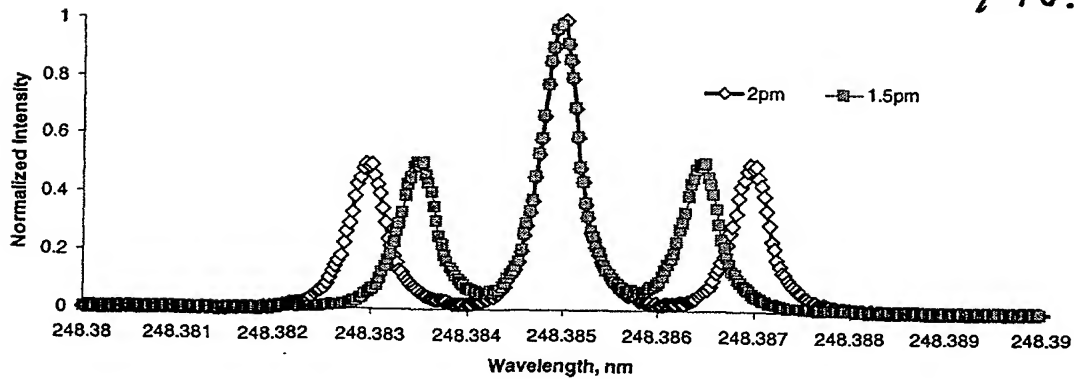


FIG. 2G3



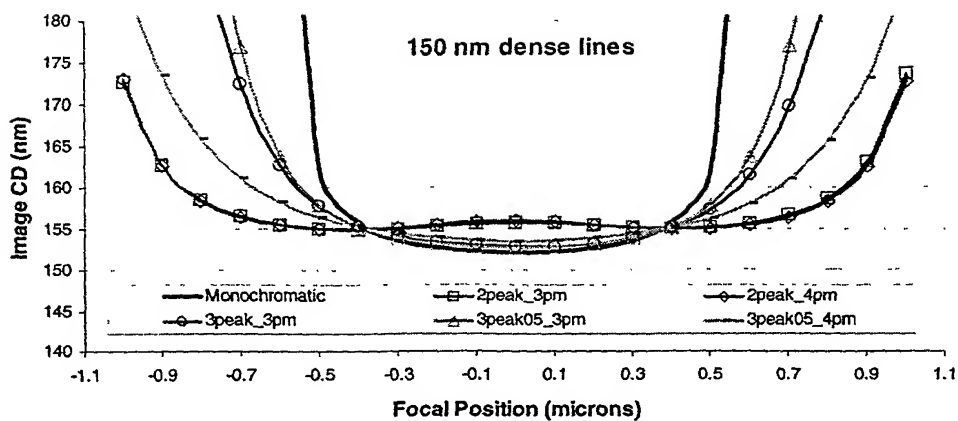


FIG. 2H1

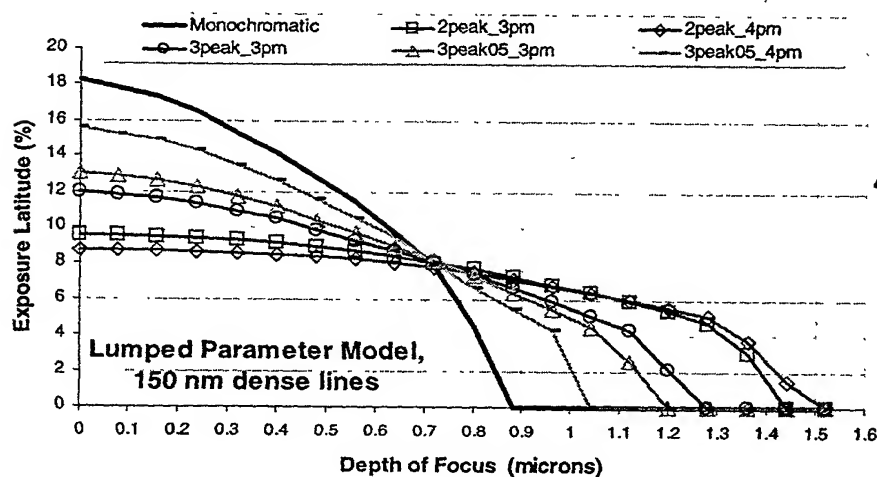


FIG. 2H2

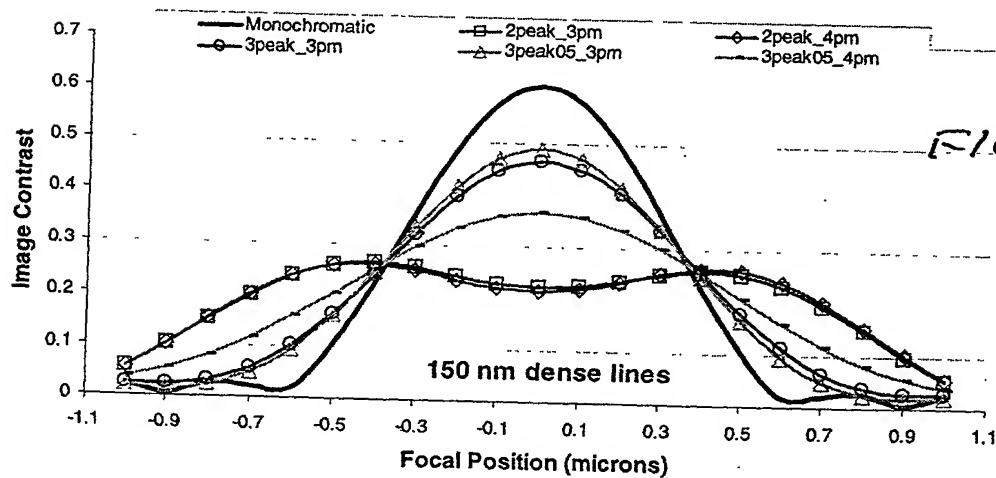
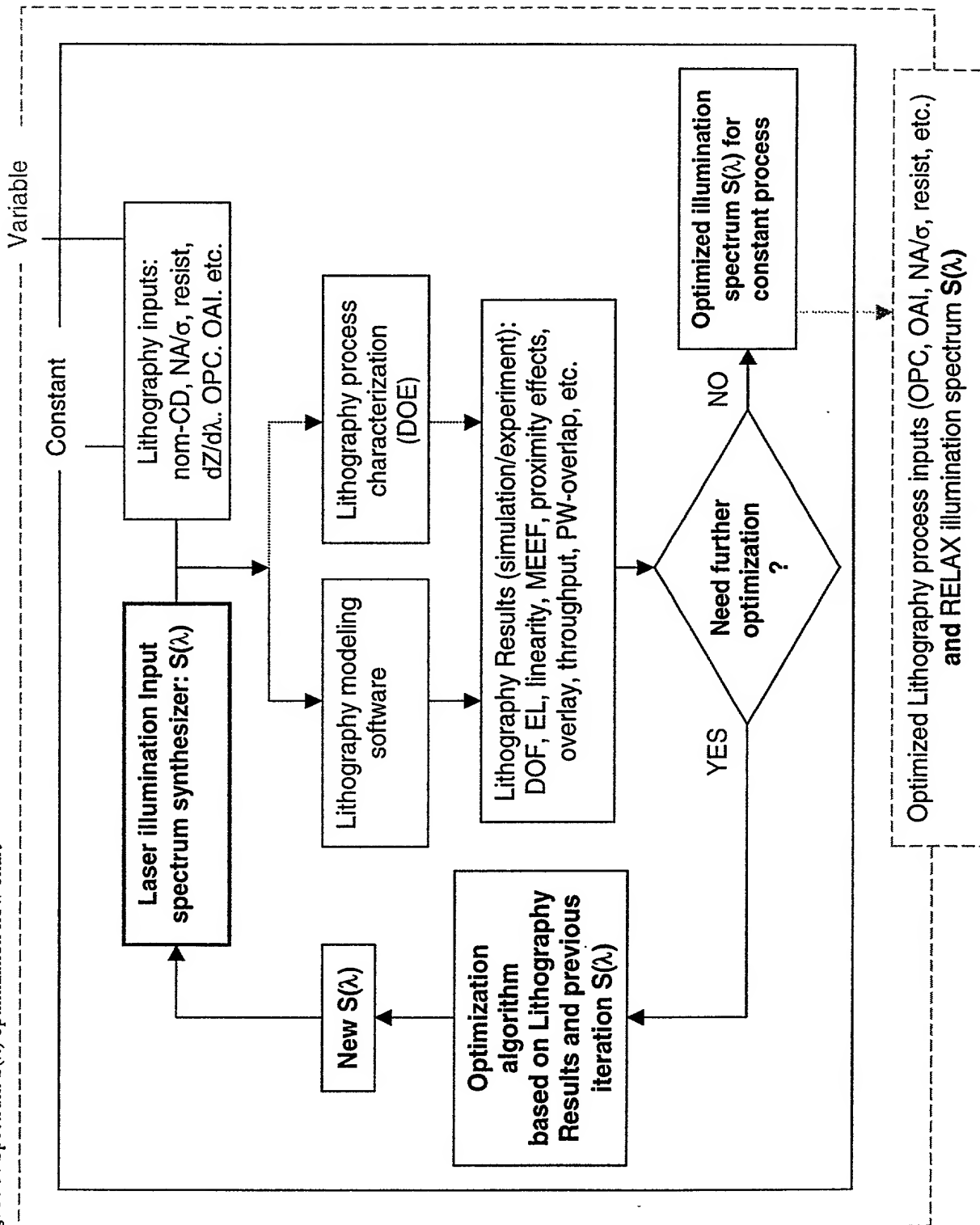


FIG. 2H3

Figure 3: Spectrum $S(\lambda)$ optimization flow-chart



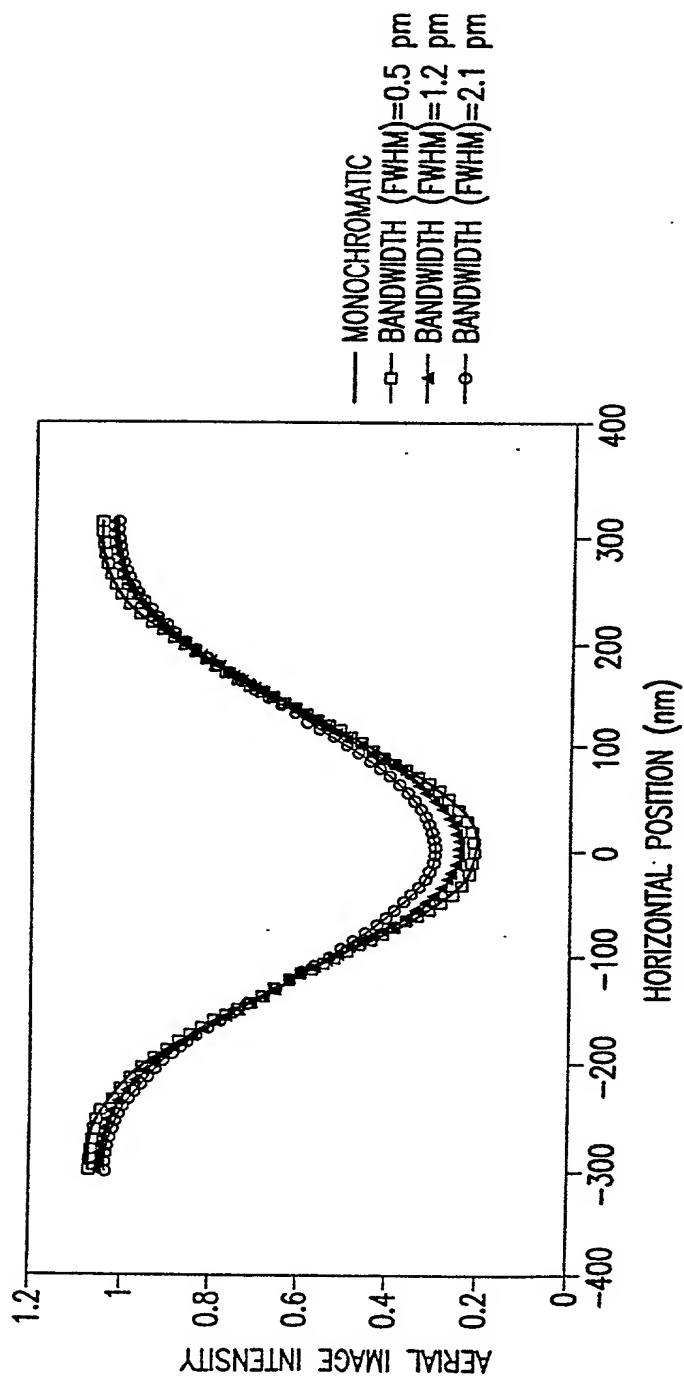


FIG. 3

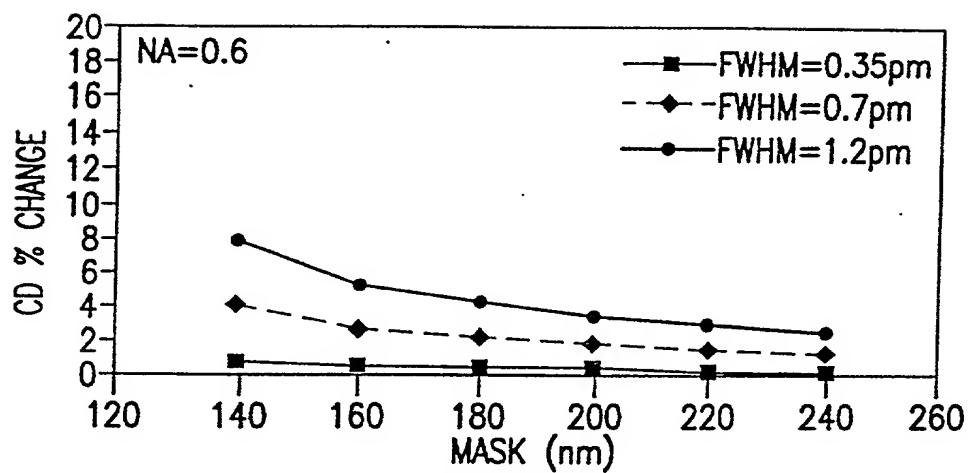


FIG.4A

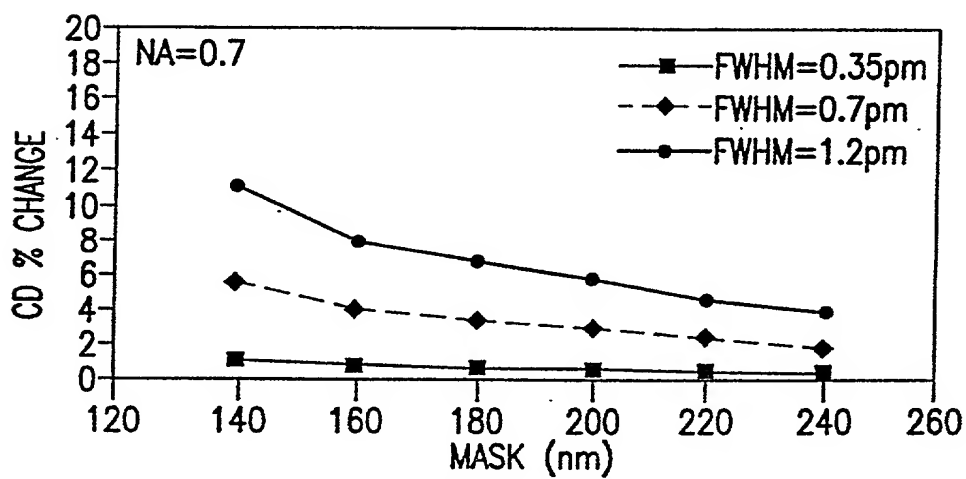


FIG.4B

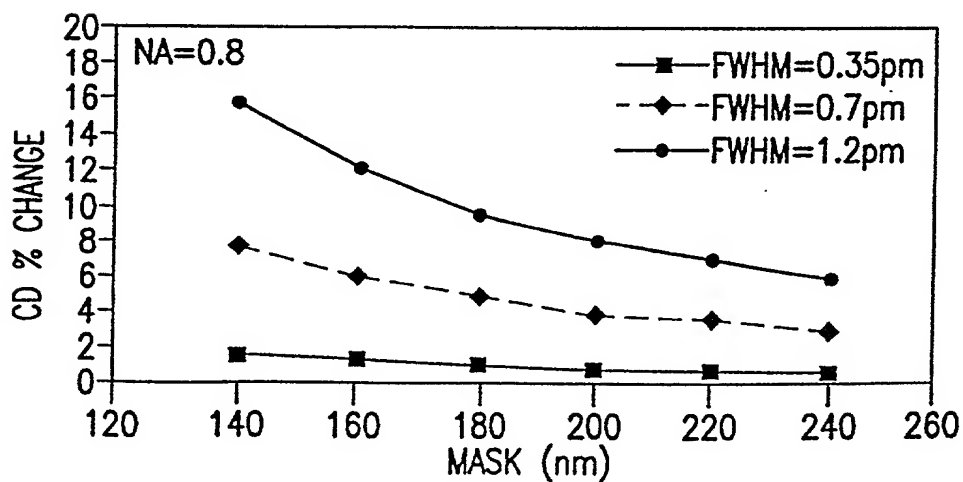


FIG 4C

FIG. 5 is a schematic diagram of a laser system. The system includes a laser chamber 102, a laser controller 104, a very fast wave meter 106, an LNP processor 108, and a bending mechanism 110. The laser chamber 102 is connected to the laser controller 104, which is connected to the very fast wave meter 106. The very fast wave meter 106 is connected to the LNP processor 108, which is connected to the bending mechanism 110. The bending mechanism 110 is connected to the laser chamber 102. The laser chamber 102 includes a laser 112, a wave meter 114, and a bending mechanism 116. The laser 112 is connected to the wave meter 114, which is connected to the bending mechanism 116. The bending mechanism 116 is connected to the laser chamber 102. The laser chamber 102 is connected to the laser controller 104, which is connected to the very fast wave meter 106. The very fast wave meter 106 is connected to the LNP processor 108, which is connected to the bending mechanism 110. The bending mechanism 110 is connected to the laser chamber 102.

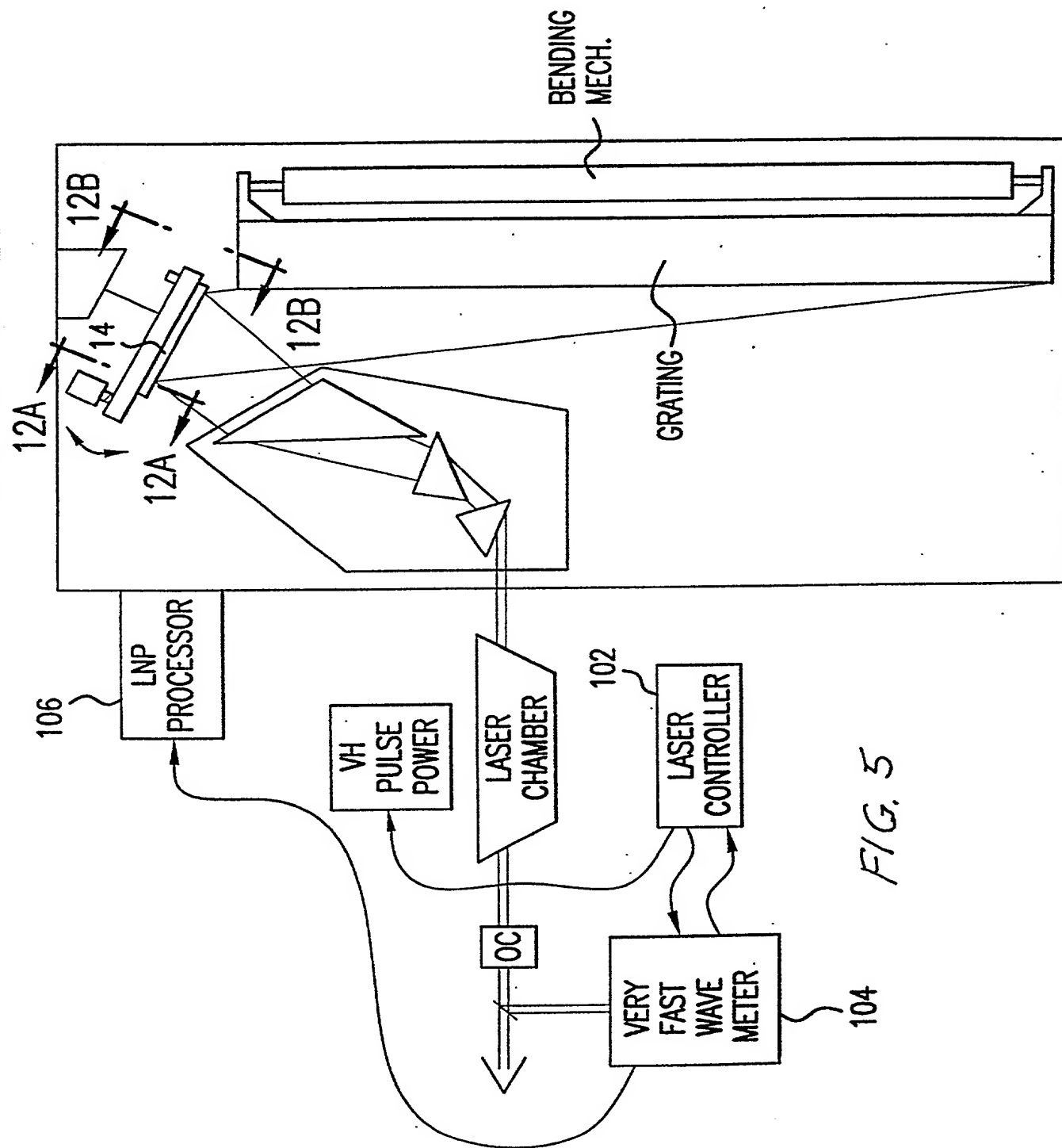


FIG. 5

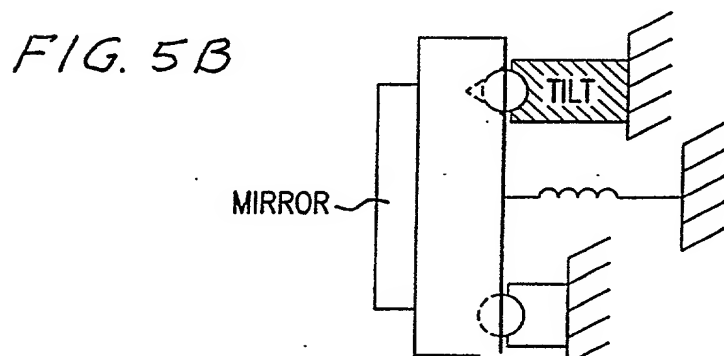
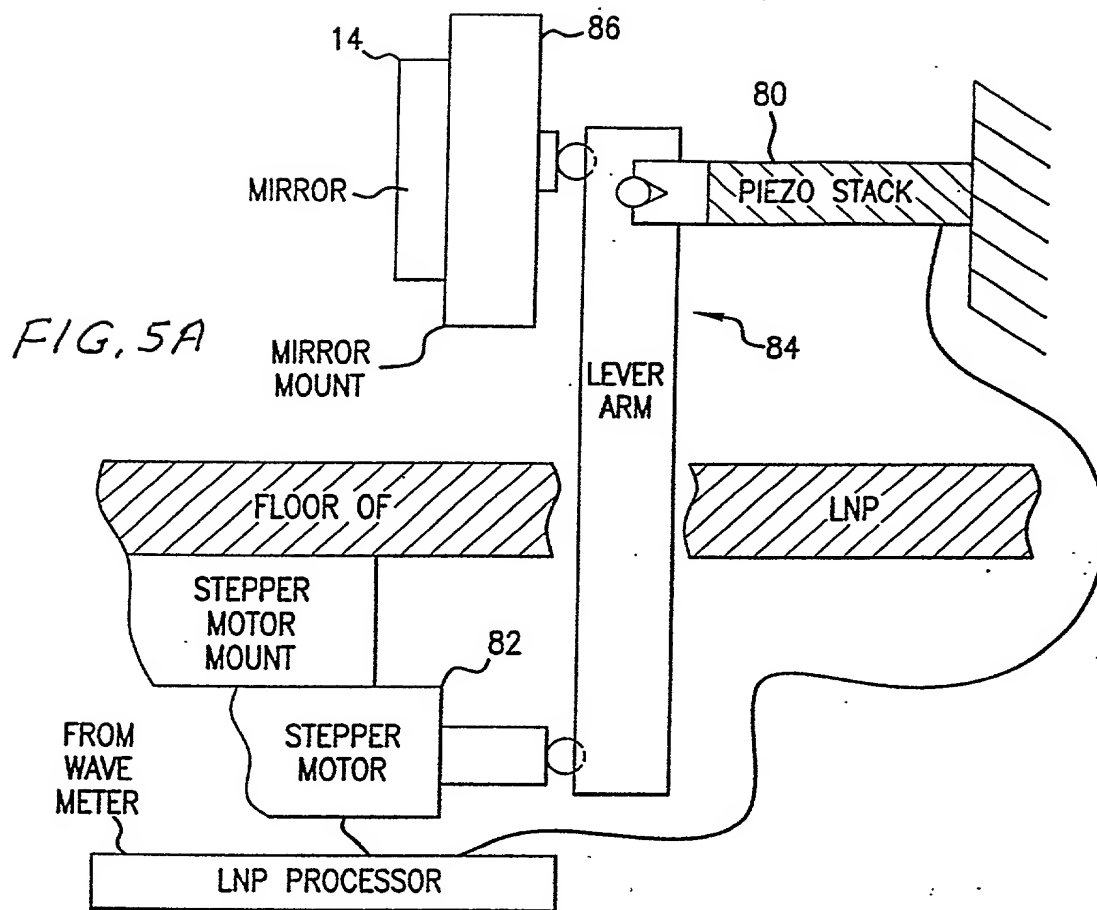
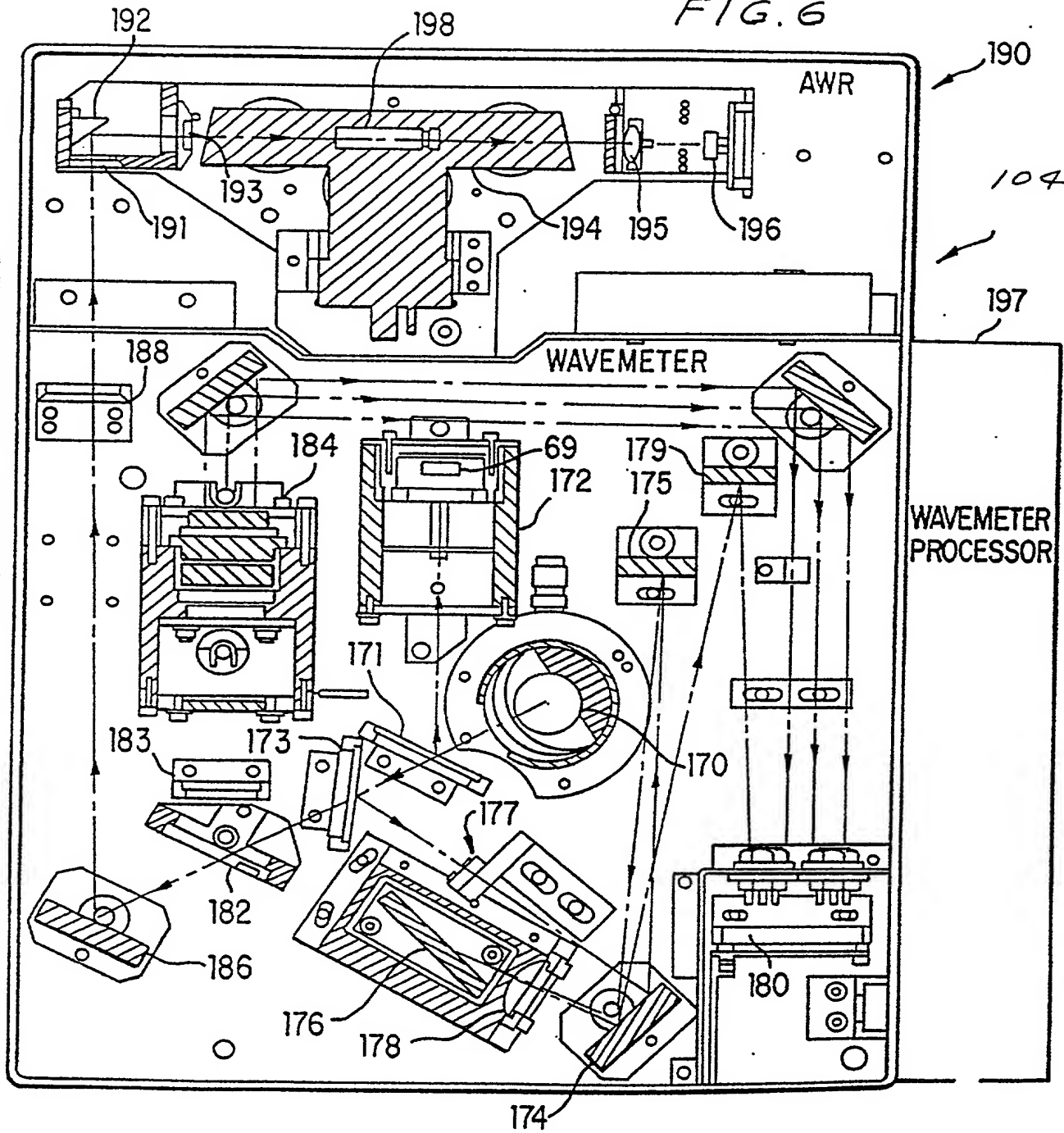


FIG. 6



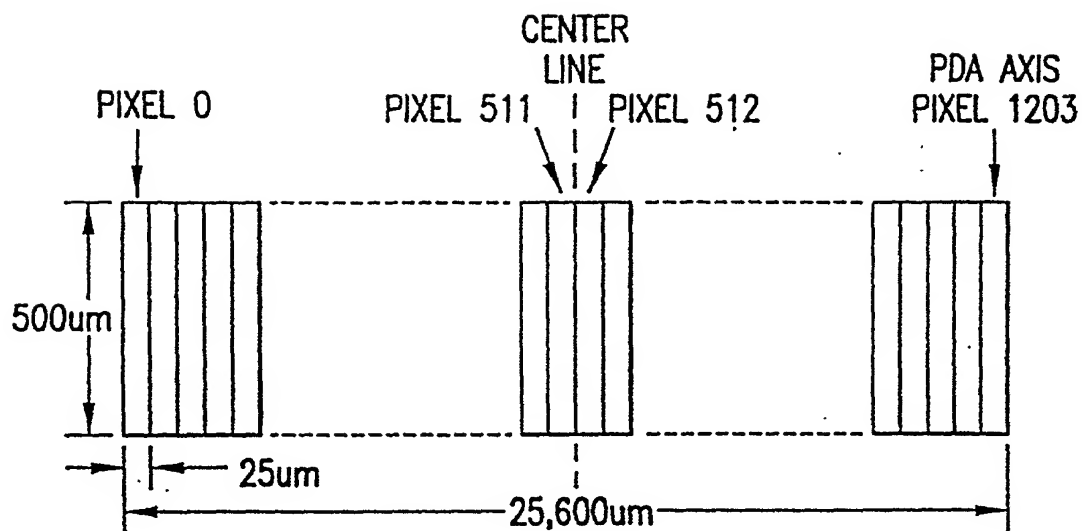
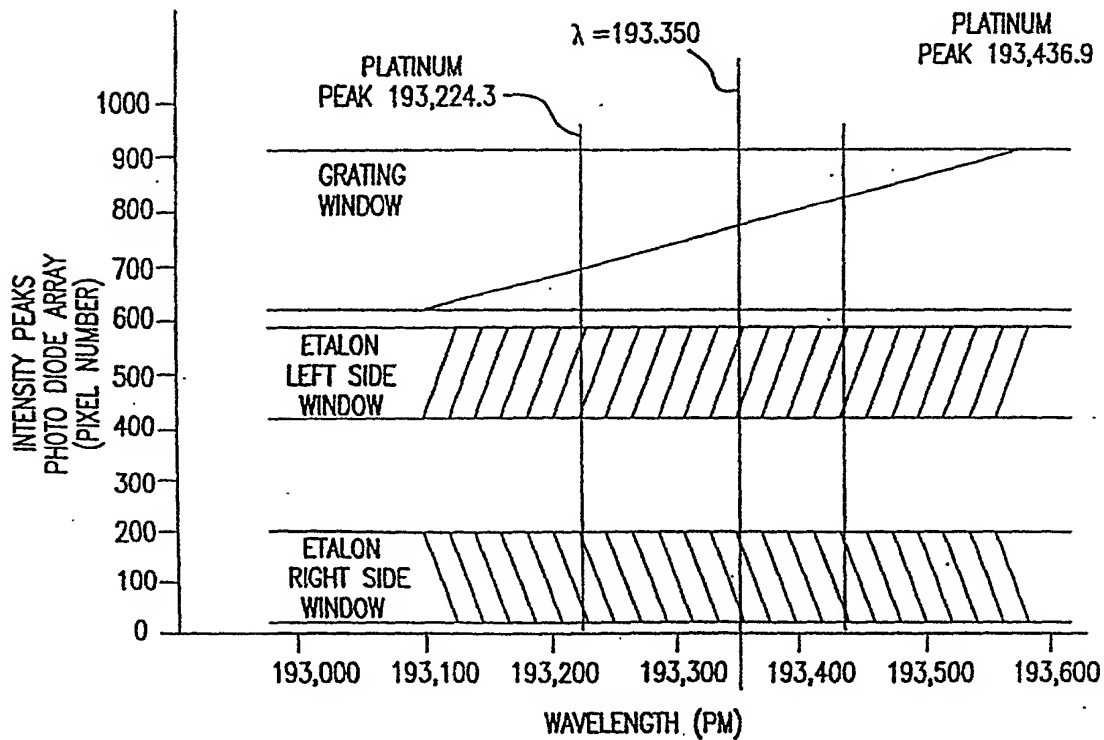


FIG. 6A

FIG. 6B



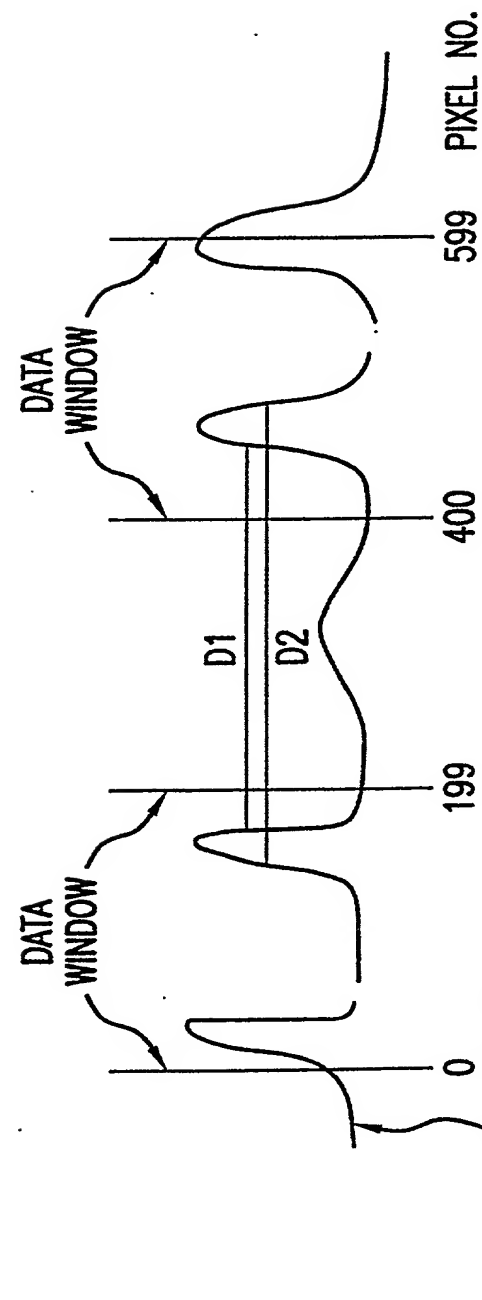
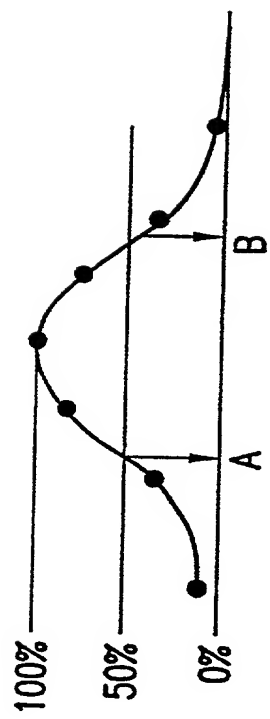
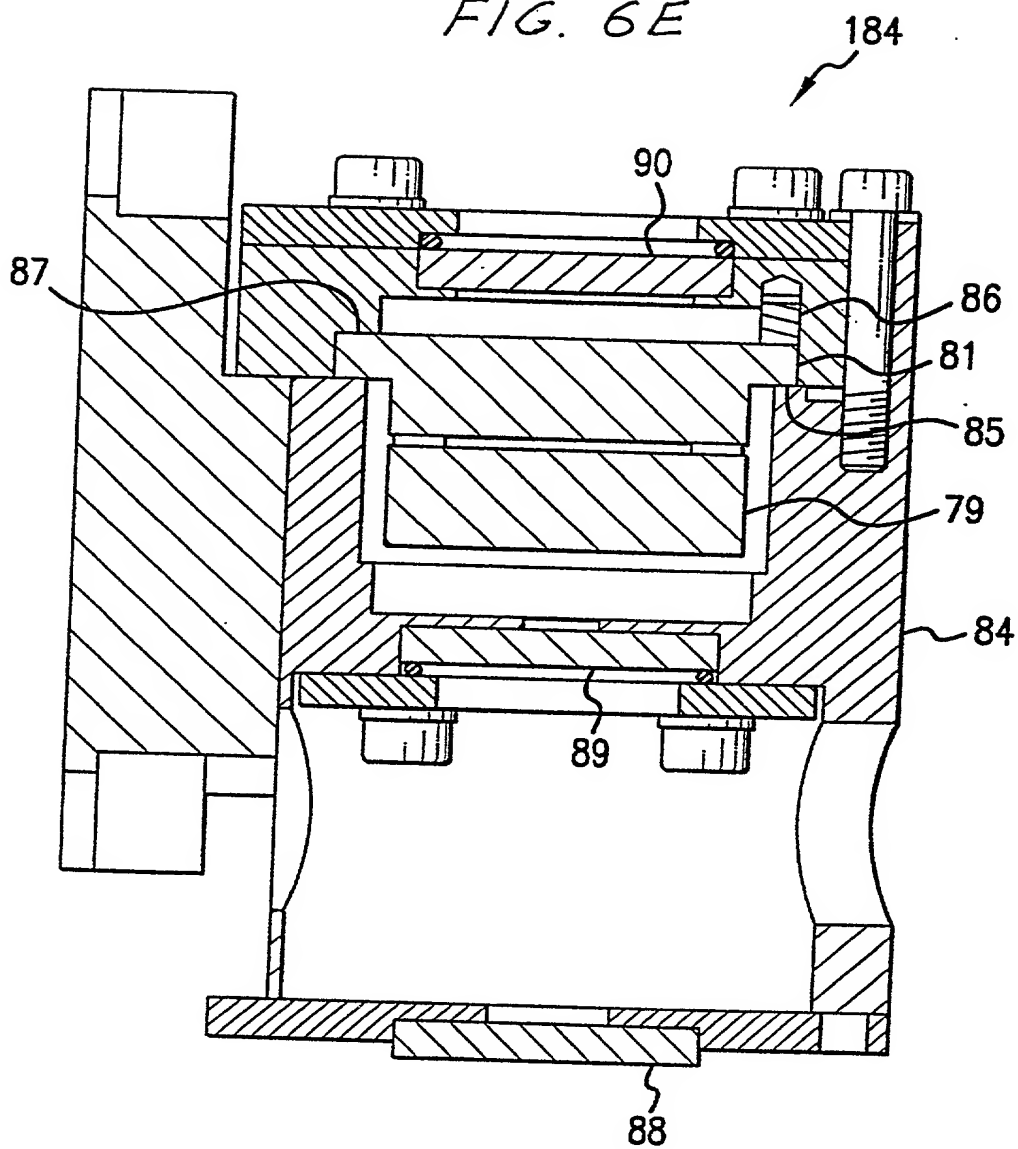


FIG. 6D

FIG. 6E



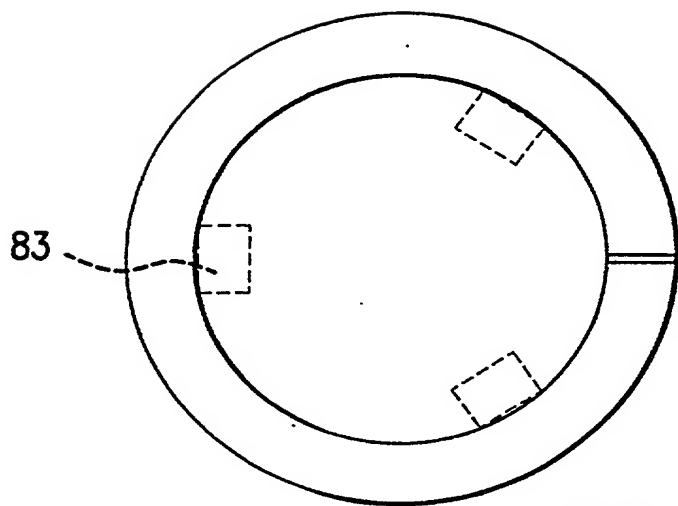


FIG. 6F

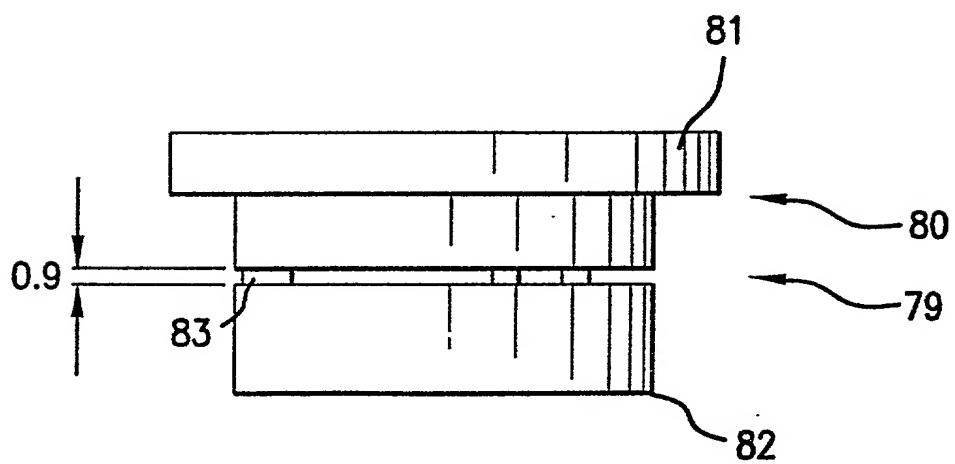


FIG. 6G

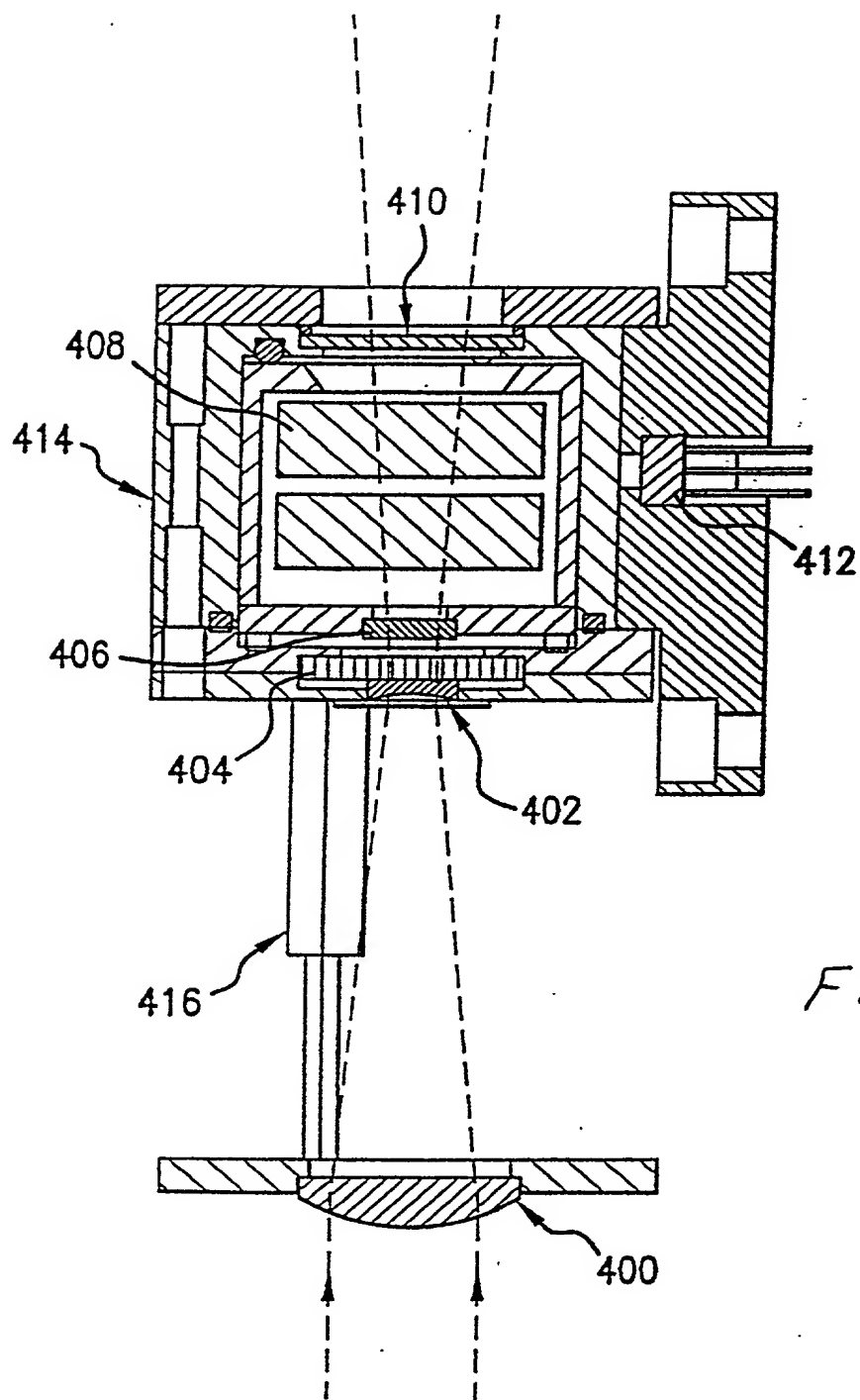


FIG. 6H

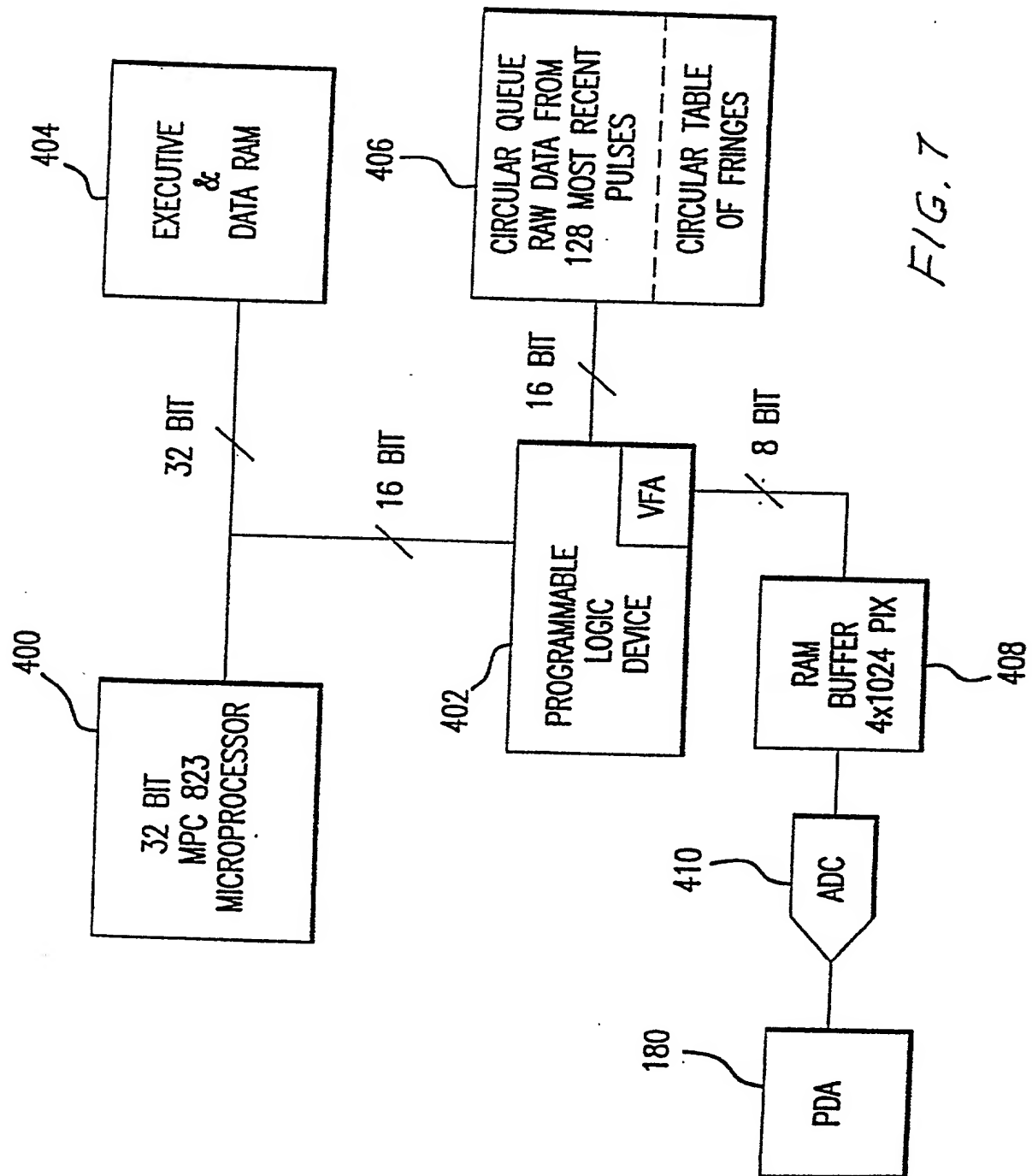


FIG. 7

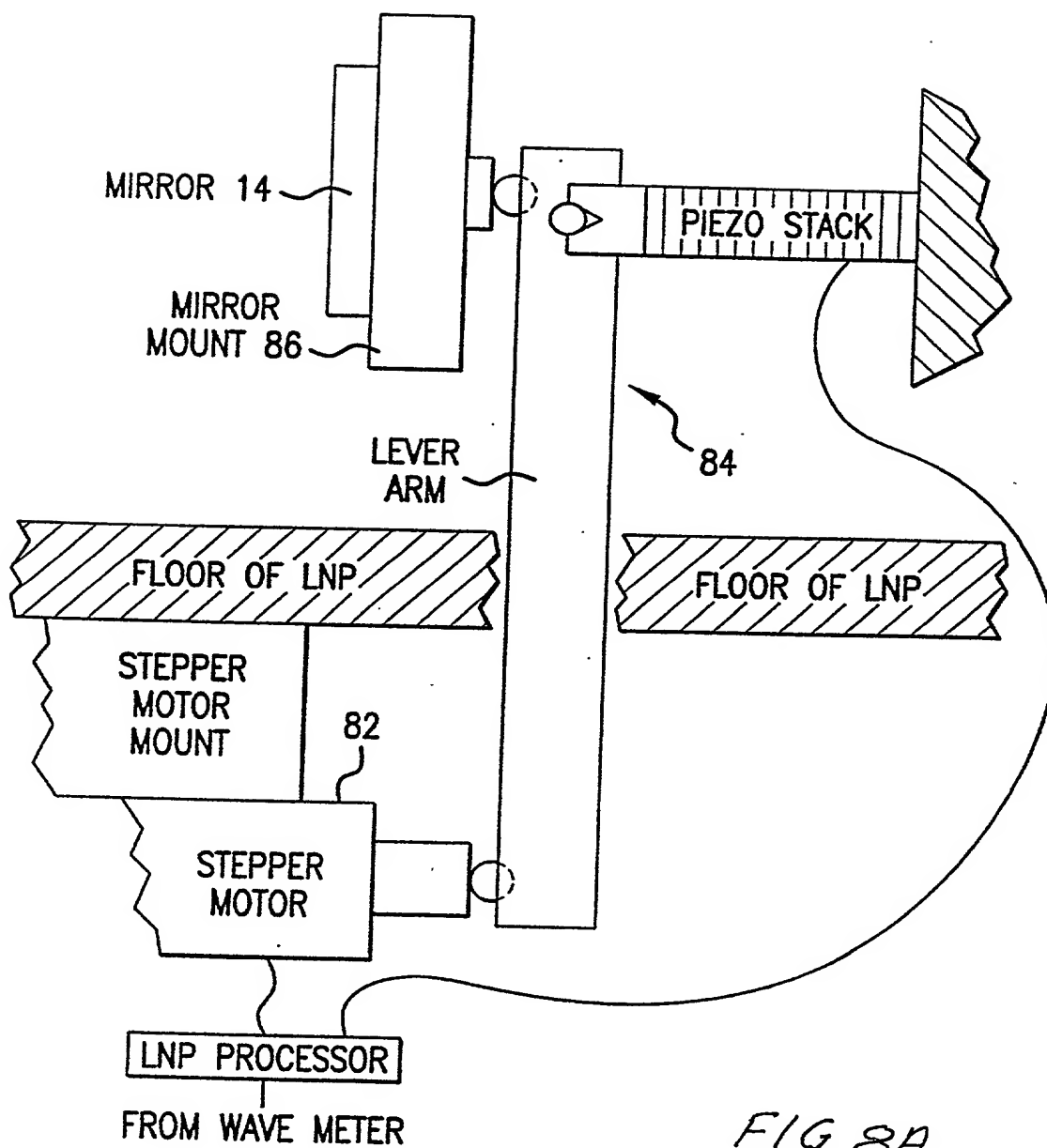
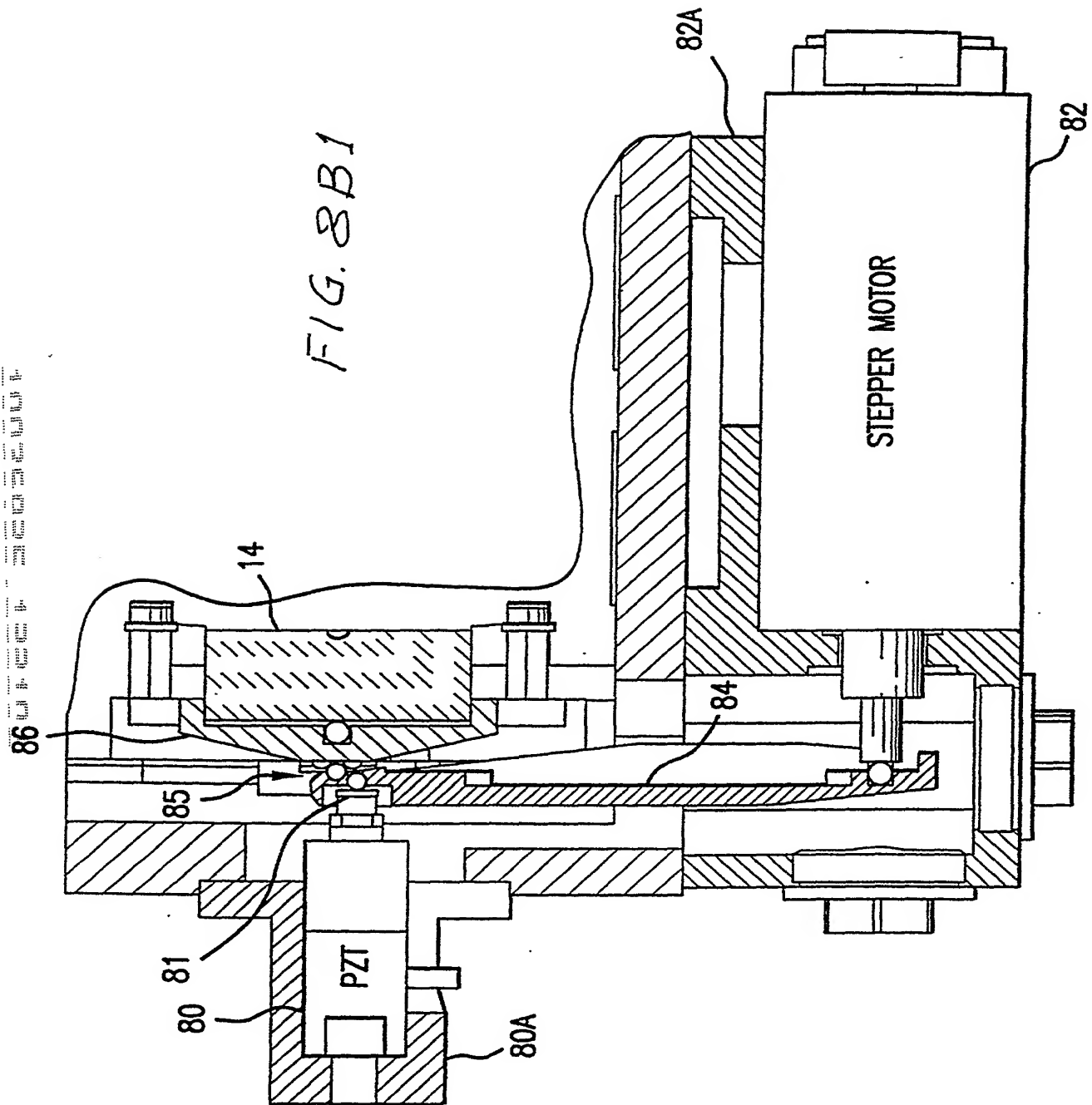


FIG. 8A



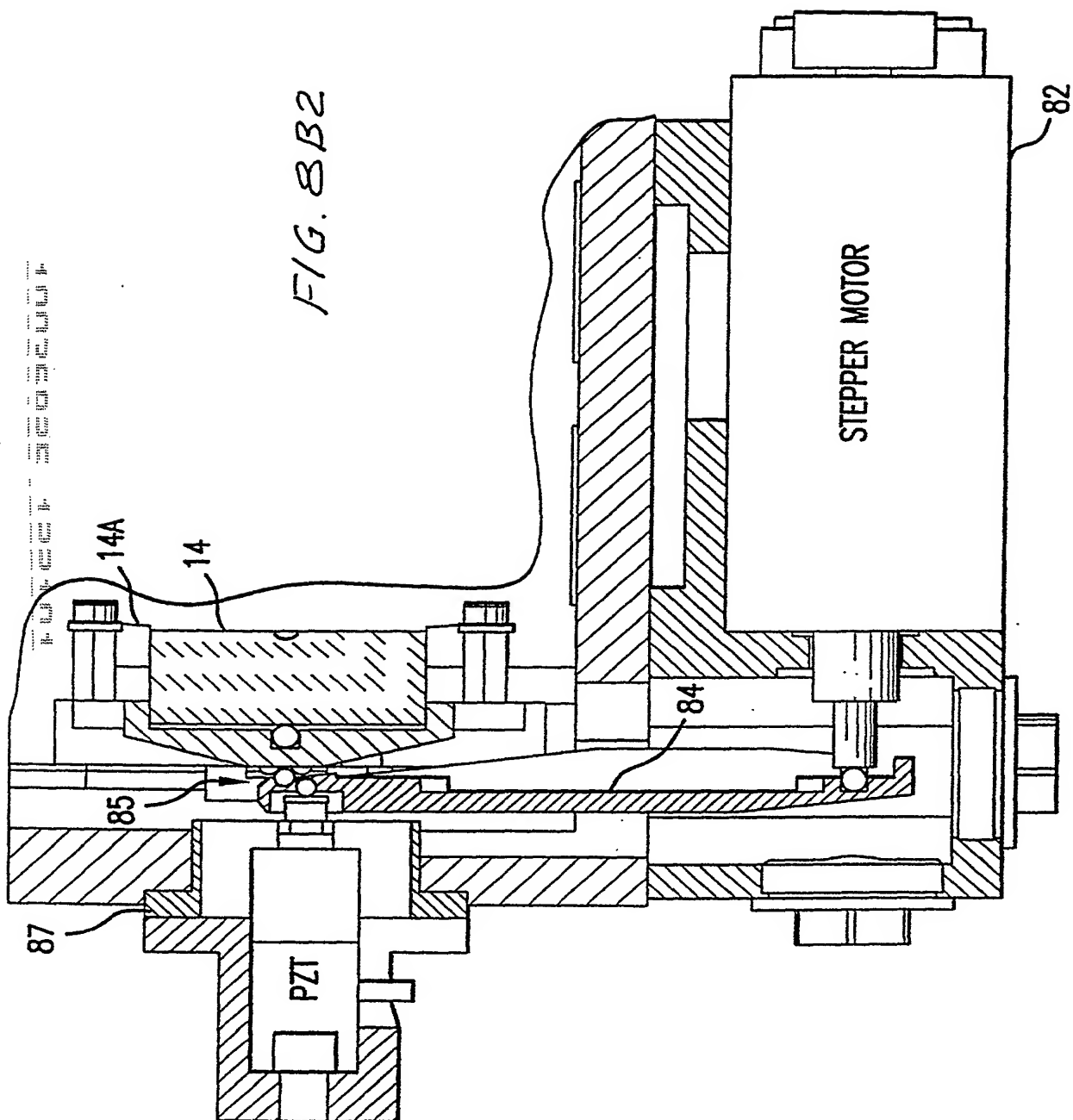
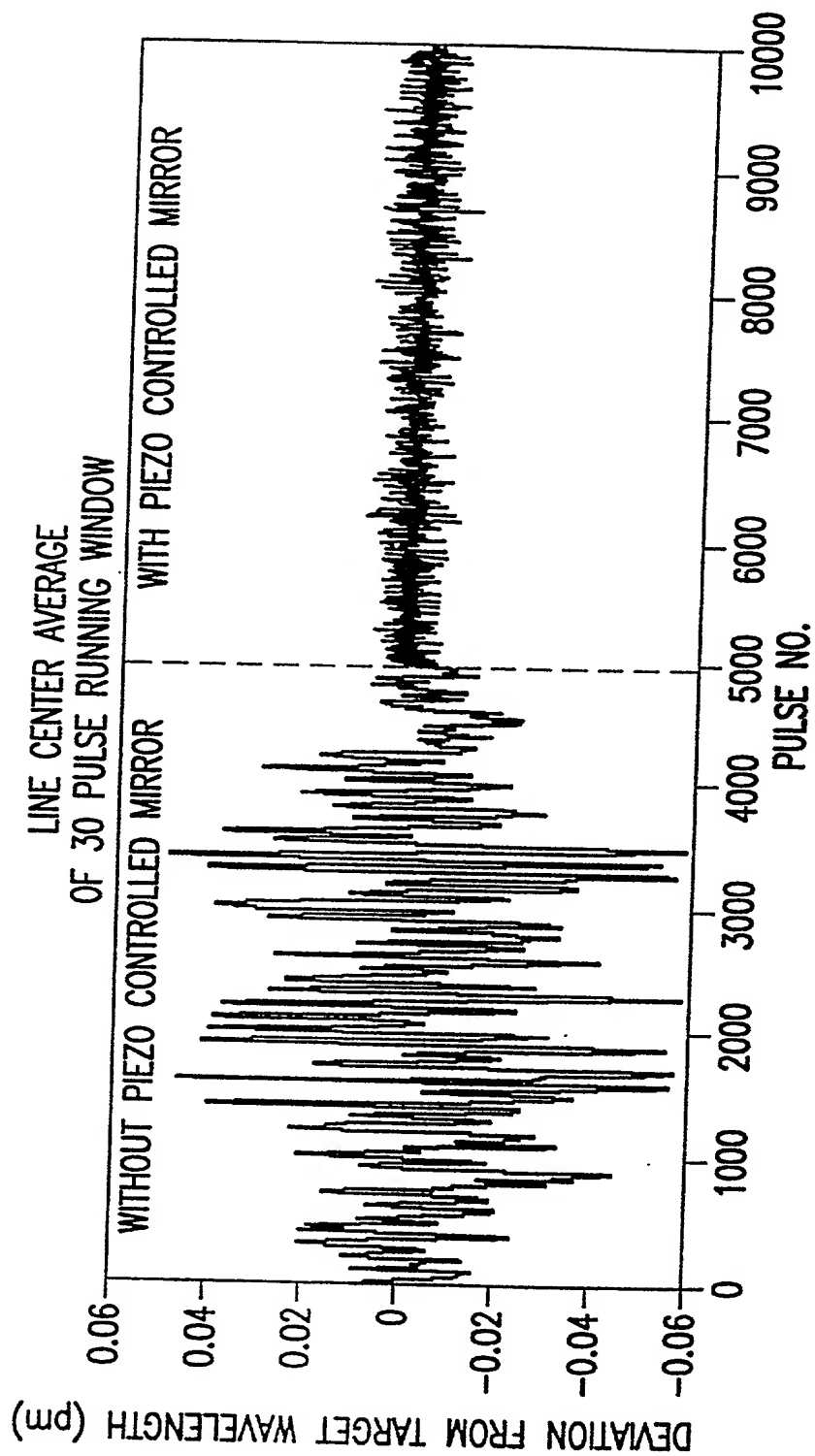


FIG. 8C



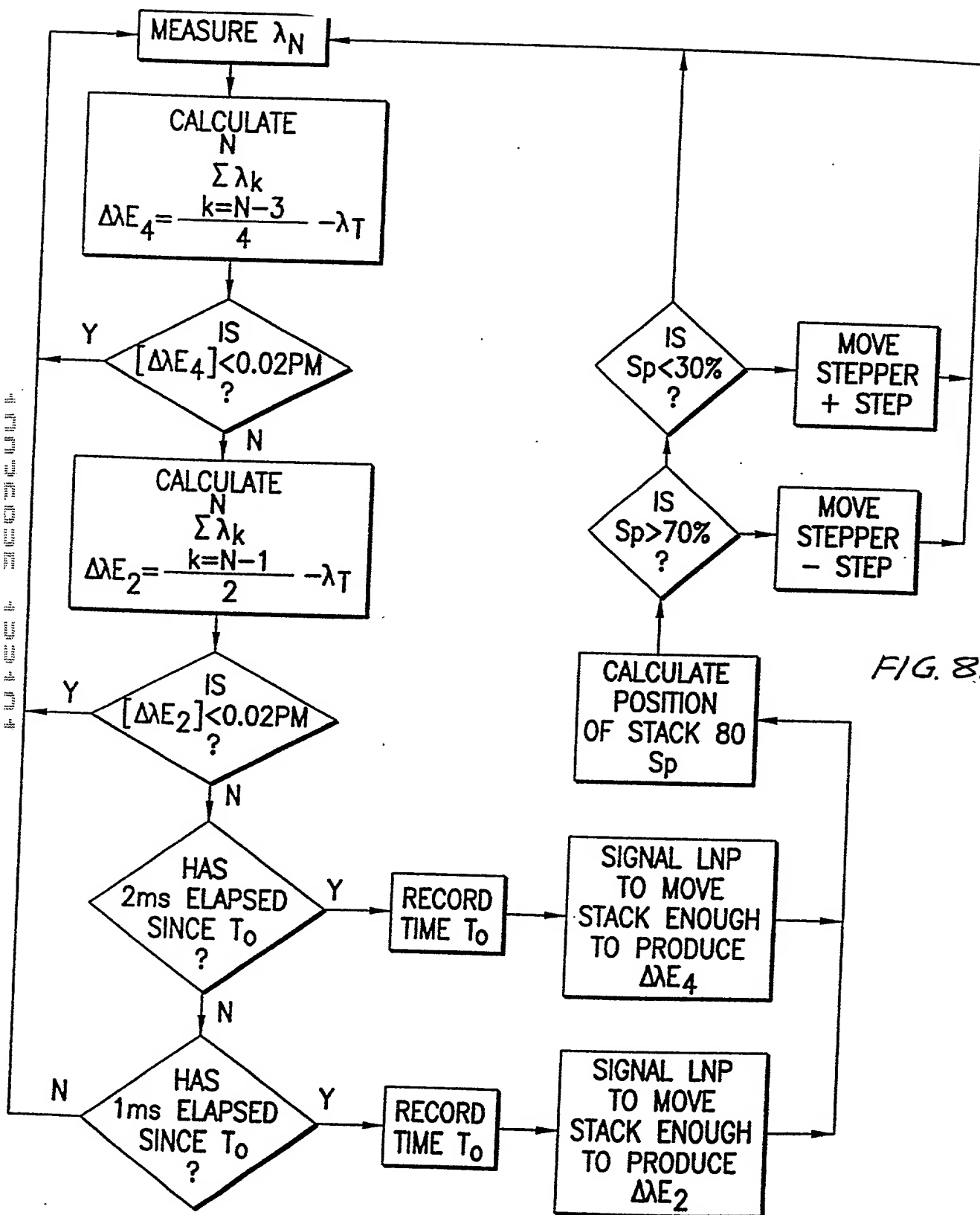
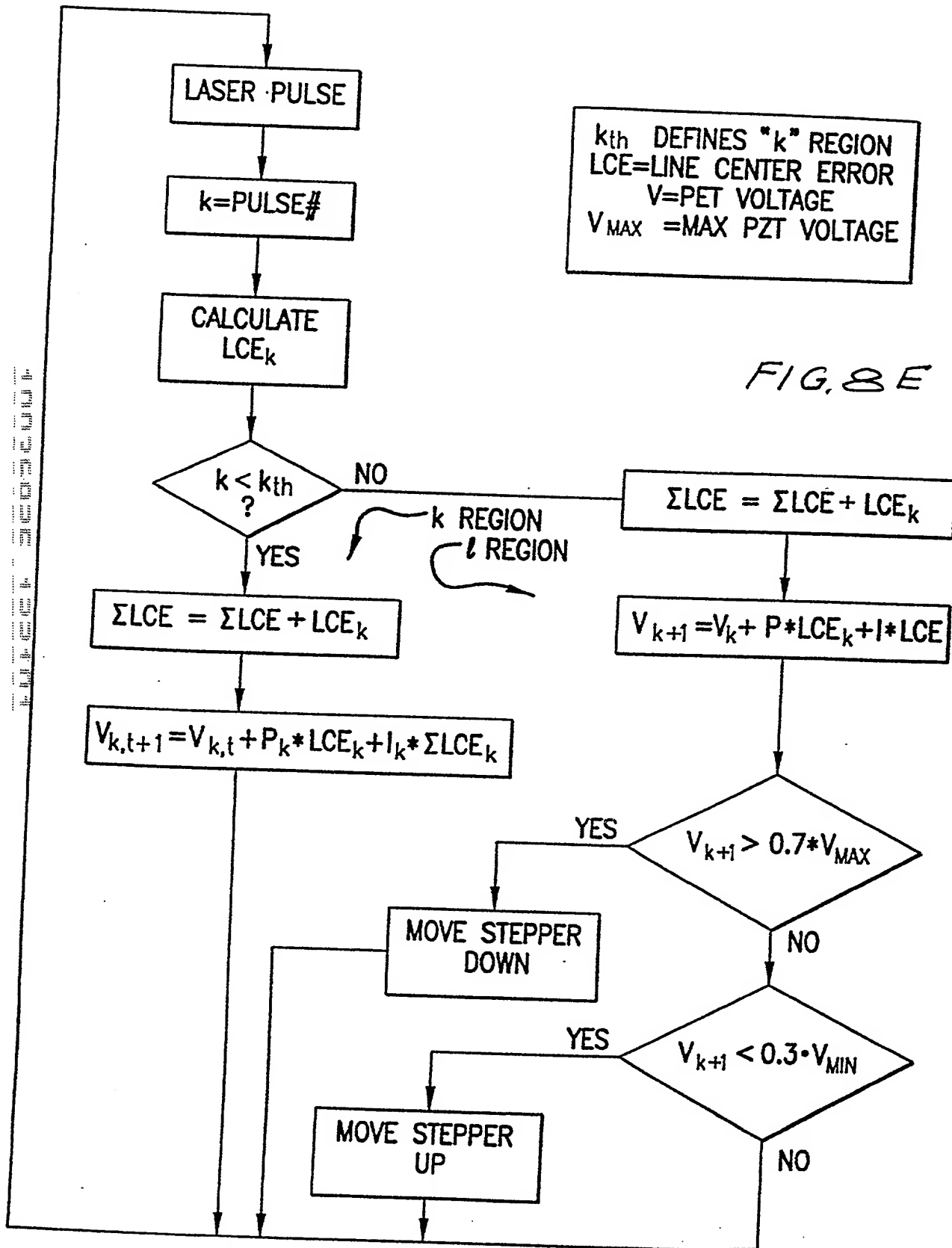
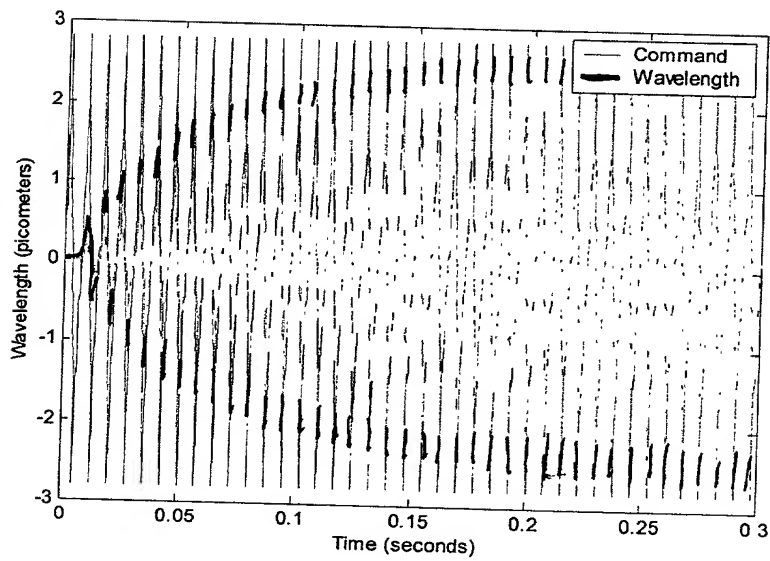
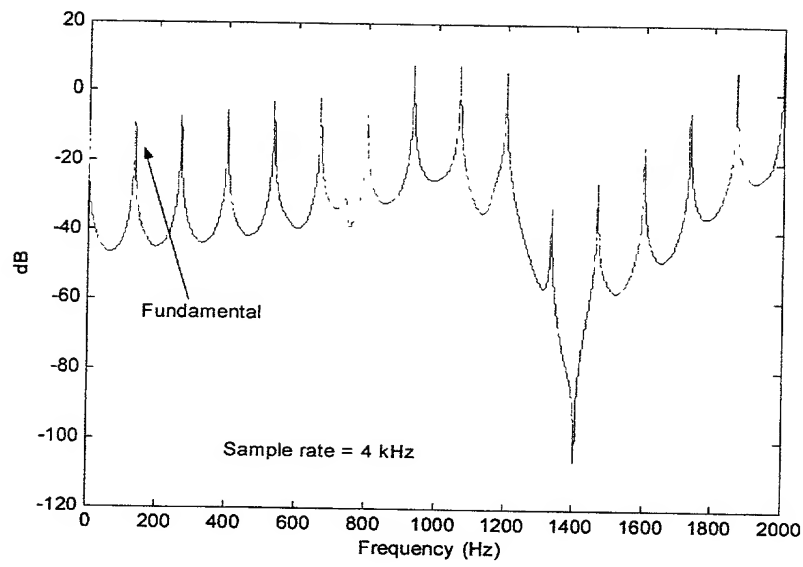


FIG. 8D





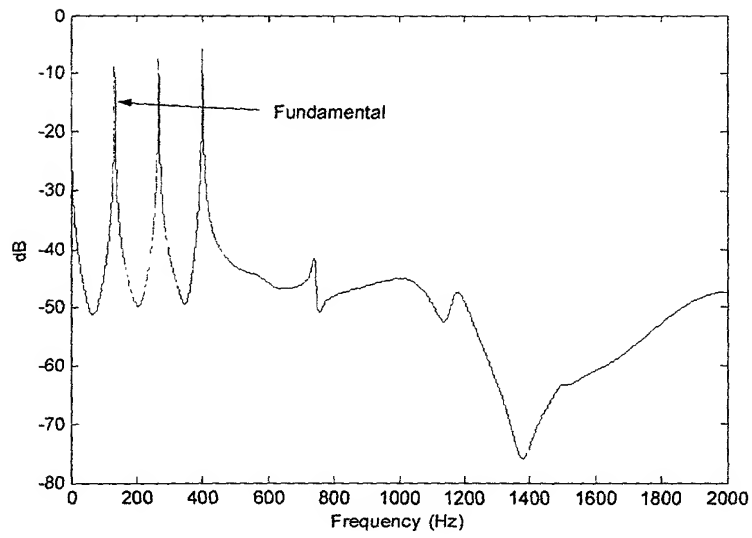


FIG. 9C

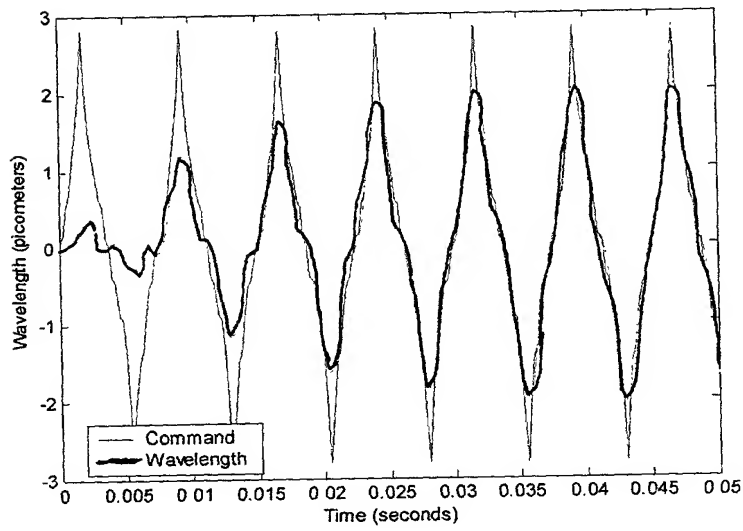


FIG. 9D

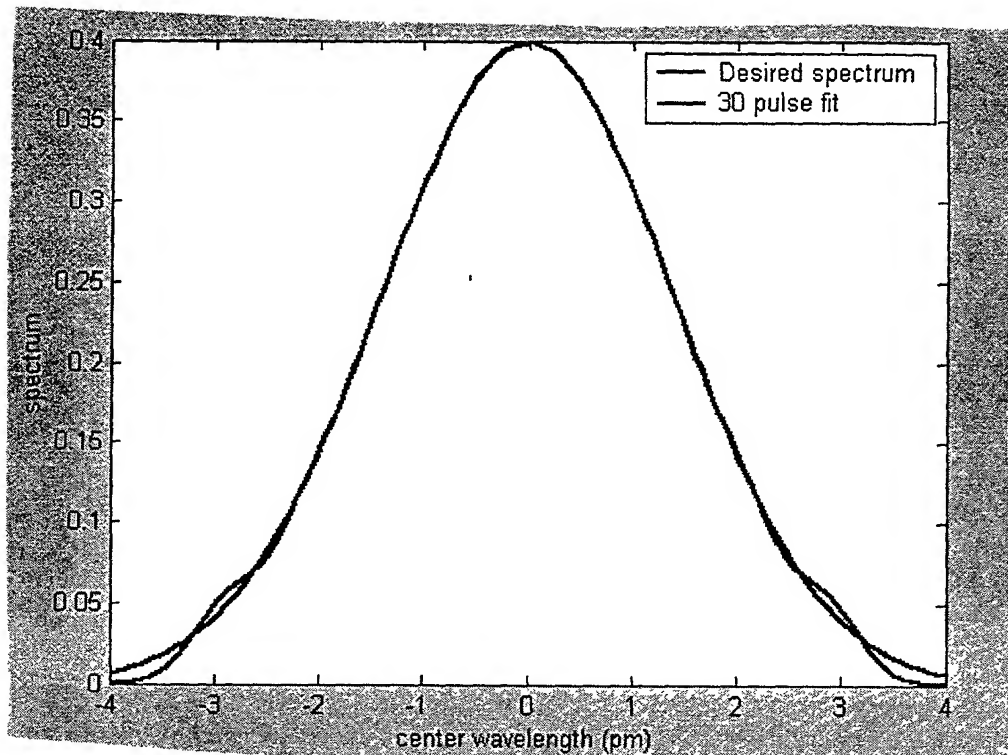


FIG. 10A

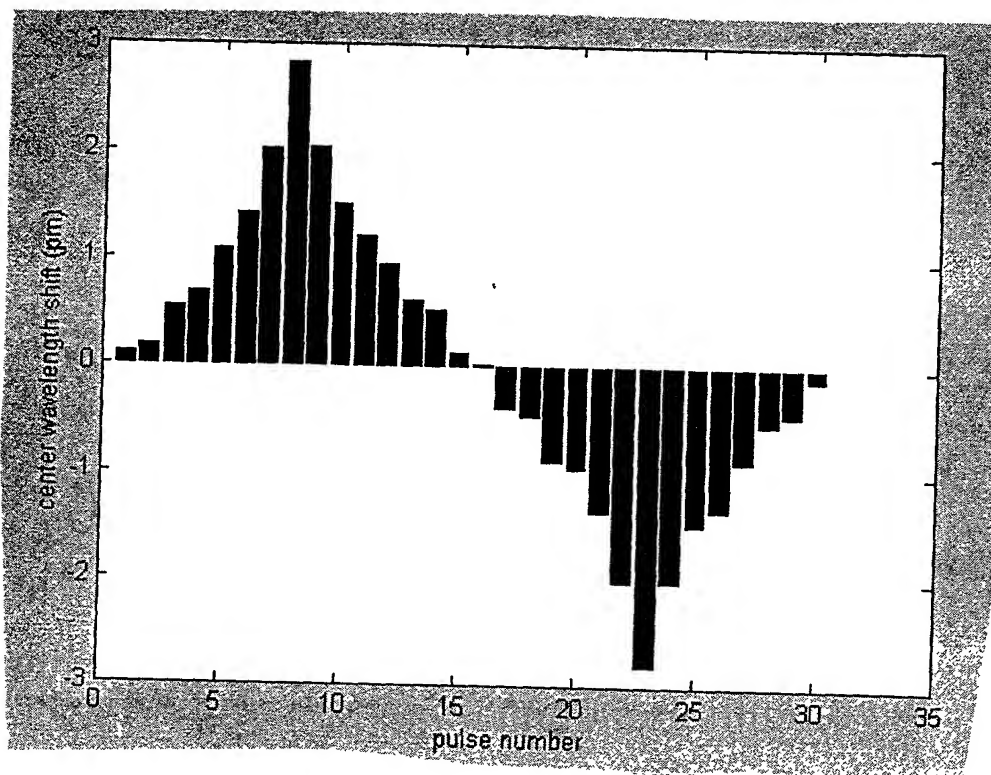


FIG. 10B

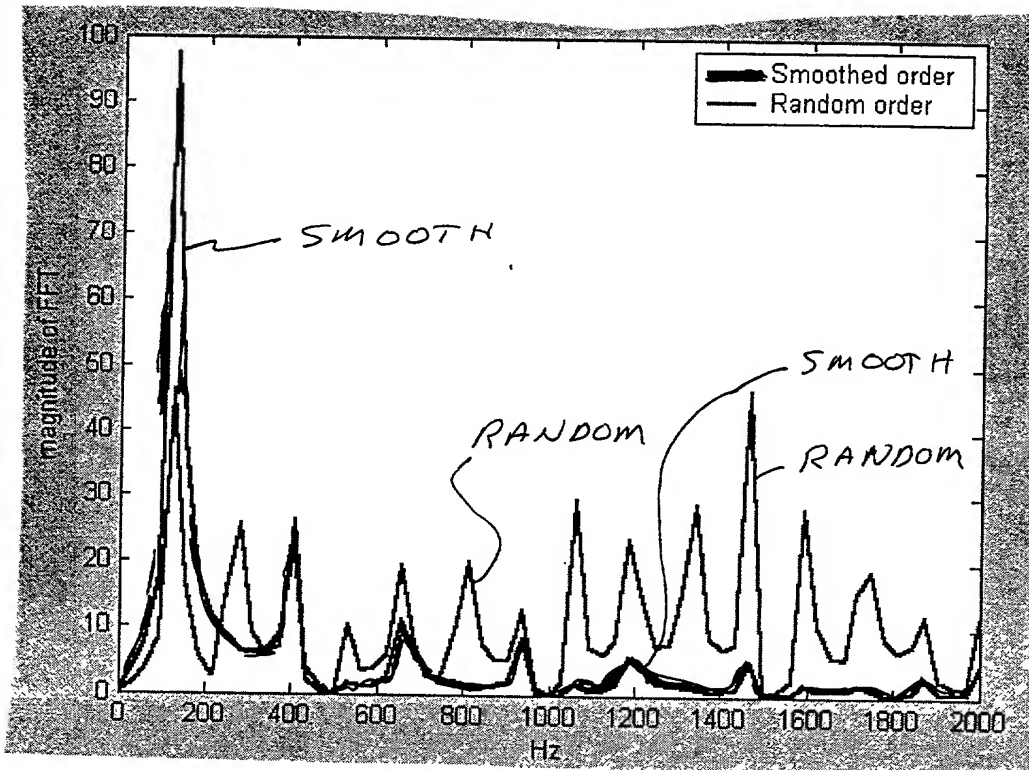


FIG. 10C

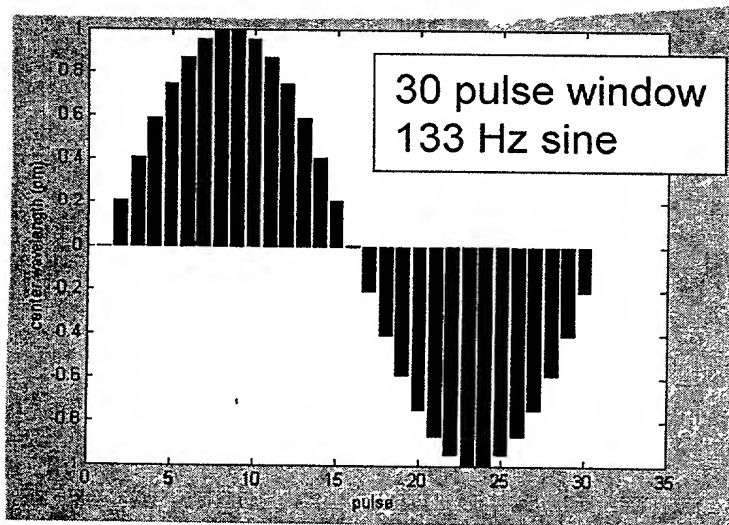


FIG. 10D

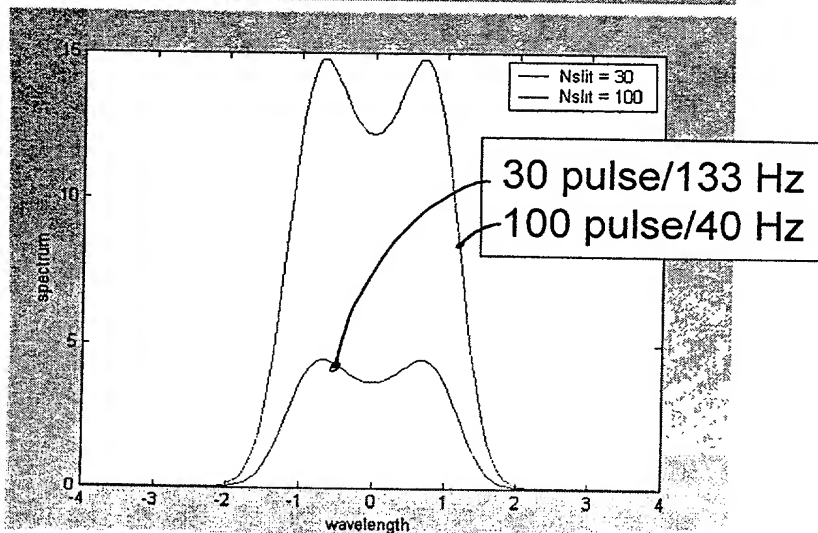


FIG. 10E

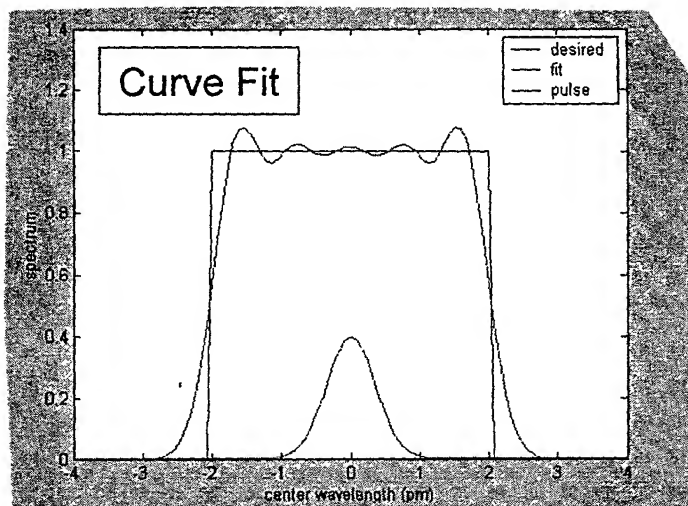


FIG. 10F

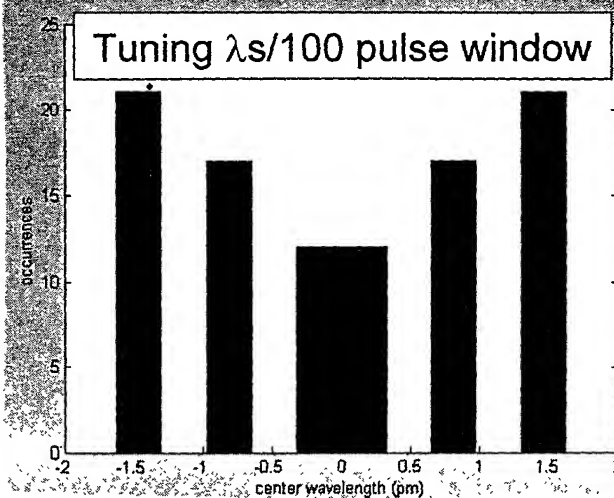


FIG. 10G

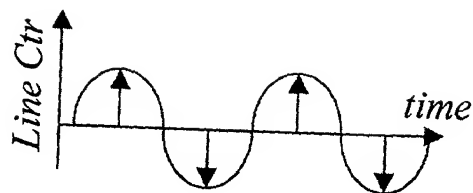


FIG. 10H

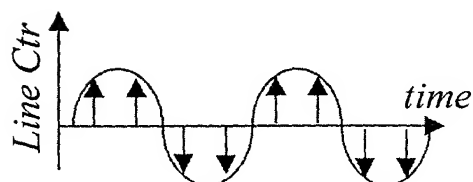


FIG. 10I